



City of Logan

Environmental Department

450 North 1000 West

Logan, Utah 84321-7806

E-Mail: ihamud@loganutah.org

Phone (435) 716-9752

www.recycle@loganutah.org

Fax: (435) 716-9751

HAND DELIVERED

06.00873

MAR 01 2006

UTAH DIVISION OF
SOLID & HAZARDOUS WASTE

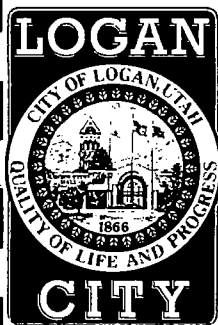
City of Logan

Solid Waste Facility

Annual Report

2005

as of 31 December 2005



HAND DELIVERED

06.00873

MAR 01 2006

UTAH DIVISION OF
SOLID & HAZARDOUS WASTE

March 1, 2006

Mayor:
Randy Watts

Utah Division of Environmental Quality
Division of Solid and Hazardous Waste
P.O. Box 144880
288 North 1460 West
Salt Lake City, UT 84114-4880

Attention: Dennis R. Downs, Director

Subject: Solid Waste Facility Annual Report

255 North Main Street

Logan, Utah 84321

Phone: (435) 716-9000

Fax: (435) 716-9001

www.loganutah.org

I am pleased to submit the attached Logan City Sanitary Landfill Annual Report. The report is based on the information requested in the Solid Waste Facility Annual Report Forms from the Department of Environmental Quality Division of Solid and Hazardous Waste.

This report includes an Executive summary, the Class I Solid Waste Annual Report Forms. The Class IVb, Solid Waste Annual Report Form, the Compost Facility Annual Report form, Attachments I-IV, and Appendices A and B.

Attachments:

- I. Groundwater Monitoring Results
- II. Gas Monitoring Results
- III. Training Program
- IV. Financial Assurance

Appendices:

- A. Calculations/References
- B. Tonnage Report

If you have any questions regarding the report, please feel free to call Issa Hamud at (435) 716-9752.

Sincerely,

Randy Watts
Mayor

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Mail to:
Dennis R. Downs, Director
Division of Solid and Hazardous Waste
P.O. Box 144880
Salt Lake City, Utah 84114-4880

2006 SOLID WASTE LANDFILL ANNUAL REPORT

For Calendar year 2005 or most recent fiscal year

Administrative Information

Facility Name: Logan City Sanitary Landfill
Facility Mailing Address: 450 North 1000 West
(Number & Street, Box and/or Route)
City: Logan, State: Utah Zip Code: 84321-7806
County: Cache

Contact's Name: Issa Hamud Phone No.: (435) 716-9752
Title: Director of Environmental Department
Contact's Mailing Address: Same as Above
Contact's Email Address: ihamud@loganutah.org

Owner
Name: City of Logan Phone No.: (435) 716-9000
Mailing Address: 255 North Main
(Number & Street, Box and/or Route)
City: Logan, State: Utah Zip Code: 84321-7806

Operator (Complete this section only if the operator is not an employee of the Owner shown above)
Name: _____ Phone No.: (_____) _____
Mailing Address: _____
(Number & Street, Box and/or Route)
City: _____, State: _____ Zip Code: _____

Facility Type and Status

- | | | |
|---|-------------------------------------|-----------------------------------|
| <input checked="" type="checkbox"/> Class I | <input type="checkbox"/> Class IIIb | <input type="checkbox"/> Class V |
| <input type="checkbox"/> Class II | <input type="checkbox"/> Class IVa | <input type="checkbox"/> Class VI |
| <input type="checkbox"/> Class IIIa | <input type="checkbox"/> Class IVb | |

Does the facility have a construction and demolition (C/D) cell as part of the permit (not operated under a separate permit number)? Yes _____ No X

If facility was permanently closed during the year enter date closed: N/A

Annual Disposal

Total facility tons: 89,058 or cubic yards: _____

If separate tonnages are available

Municipal tons: _____ or cubic yards: _____

C/D tons: _____ or cubic yards: _____

Industrial tons: _____ or cubic yards: _____

Conversion Factor used

- ☐ No conversion factors used
☐ Conversion factor from rules (R315-302-2(4)(c)) used
☒ Site specific conversion used Please list: All waste is weighed

Tons Recycled: 4,201

Cubic Yards Recycled: N/A

Financial Assurance

Current Closure Cost Estimate: \$6,074,884 (See Financial Assurance)

Current Post-Closure Cost Estimate: \$1,513,600 (See Financial Assurance)

Current Financial Assurance Mechanism: Government Trust and Investment Fund

(ie. Bond, Trust Fund, Corporate or government Test etc.)

Financial Assurance Mechanism Holder: PTIF Account #0871

(ie. Name of Bond Company, Bank etc.. If PTIF Account give account number)

Current Amount or Balance in Mechanism: \$1,410,906.74

Other Required Reports

Financial Assurance: Each facility must recalculate the cost of closure and post-closure care to account for inflation and design changes each year. The recalculation, along with proof that the new cost estimates are fully covered by the assurance mechanism currently be utilized, must be submitted. Facilities that are using a trust account should include a copy of the most recent account statement.

Note Facilities using "Local Government Financial Test" must provide the information required in R315-309-3(7)(d) each year. See Financial Assurance

Ground Water Monitoring: Each facility that is required to monitor ground water must submit a ground water monitoring report that contains water elevations, sampling results, and statistical analyses. Check box if facility is exempt from ground water monitoring ☐ See Attachment I

Explosive Gas Monitoring: A gas monitoring report must be included unless the facility is a Class II landfill that has receive an exemption, a Class III, IV, or VI landfill, or any other facility that has an exemption. Check box if facility is exempt from gas monitoring ☐ See Attachment II

Training Report: A report of all training programs or procedures completed by facility personnel during the year. See Attachment III

Signature:



Date: 3/1/06

Signature should be by an executive officer, general partner, proprietor, elected official, or a duly authorized representative. A duly authorized representative must meet the requirements of the solid waste rules (UAC R315-310-2(4)(d)).

Print name: Issa Hamud

Title: Director of Environmental Department

Mail to:
Dennis K. Downs, Director
Division of Solid and Hazardous Waste
P.O. Box 144880
Salt Lake City, Utah 84114-4880

2006 SOLID WASTE LANDFILL ANNUAL REPORT

For Calendar year 2005 or most recent fiscal year

Administrative Information

Facility Name: Logan City Sanitary Landfill
Facility Mailing Address: 450 North 1000 West
(Number & Street, Box and/or Route)
City: Logan, State: Utah Zip Code: 84321-7806
County: Cache

Contact's Name: Issa Hamud Phone No.: (435) 716-9752
Title: Director of Environmental Department
Contact's Mailing Address: Same as Above
Contact's Email Address: ihamud@loganutah.org

Owner
Name: City of Logan Phone No.: (435) 716-9000
Mailing Address: 255 North Main
(Number & Street, Box and/or Route)
City: Logan, State: Utah Zip Code: 84321-7806

Operator (Complete this section only if the operator is not an employee of the Owner shown above)
Name: _____ Phone No.: (_____) _____
Mailing Address: _____
(Number & Street, Box and/or Route)
City: _____, State: _____ Zip Code: _____

Facility Type and Status

- | | | |
|-------------------------------------|---|-----------------------------------|
| <input type="checkbox"/> Class I | <input type="checkbox"/> Class IIIb | <input type="checkbox"/> Class V |
| <input type="checkbox"/> Class II | <input type="checkbox"/> Class IVa | <input type="checkbox"/> Class VI |
| <input type="checkbox"/> Class IIIa | <input checked="" type="checkbox"/> Class IVb | |

Does the facility have a construction and demolition (C/D) cell as part of the permit (not operated under a separate permit number)? Yes _____ No X

If facility was permanently closed during the year enter date closed: N/A

Annual Disposal

Total facility tons: 18,810 or cubic yards: _____

If separate tonnages are available

Municipal tons: _____ or cubic yards: _____

C/D tons: _____ or cubic yards: _____

Industrial tons: _____ or cubic yards: _____

Conversion Factor used

- ☐ No conversion factors used
☐ Conversion factor from rules (R315-302-2(4)(c)) used
☒ Site specific conversion used Please list: All waste is weighed

Tons Recycled: N/A

Cubic Yards Recycled: N/A

Financial Assurance

Current Closure Cost Estimate: \$6,074,884 (See Financial Assurance)

Current Post-Closure Cost Estimate: \$1,513,600 (See Financial Assurance)

Current Financial Assurance Mechanism: Government Trust and Investment Fund

(ie. Bond, Trust Fund, Corporate or government Test etc.)

Financial Assurance Mechanism Holder: PTIF Account #0871

(ie. Name of Bond Company, Bank etc.. If PTIF Account give account number)

Current Amount or Balance in Mechanism: \$1,410,906.74

Other Required Reports

Financial Assurance: Each facility must recalculate the cost of closure and post-closure care to account for inflation and design changes each year. The recalculation, along with proof that the new cost estimates are fully covered by the assurance mechanism currently be utilized, must be submitted. Facilities that are using a trust account should include a copy of the most recent account statement.

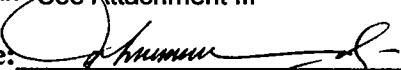
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Training Report: A report of all training programs or procedures completed by facility personnel during the year. See Attachment III

Signature:



Date:

3/1/06

Signature should be by an executive officer, general partner, proprietor, elected official, or a duly authorized representative. A duly authorized representative must meet the requirements of the solid waste rules (UAC R315-310-2(4)(d)).

Print name: Issa Hamud

Title: Director of Environmental Department

Mail to:
Dennis R. Downs, Director
Division of Solid and Hazardous Waste
P.O. Box 144880
Salt Lake City, Utah 84114-4880

2006 SOLID WASTE COMPOST FACILITY ANNUAL REPORT

For Calendar year 2005 or most recent fiscal year

Administrative Information Please enter all the information requested below.

Facility Name: Logan City Sanitary Landfill
Facility Mailing Address: 450 North 1000 West
(Number & Street, Box and/or Route)
City: Logan State: Utah Zip Code: 84321-7806
County: Cache

Owner

Name: City of Logan Phone No.: (435) 716-9000
Mailing Address: 255 North Main
(Number & Street, Box and/or Route)
City: Logan State: Utah Zip Code: 84321-7806
Contact's Name: Issa Hamud Title: Director of Environmental Department
Contact's Mailing Address: 255 North Main
Phone No.: (435) 716-9752 Contact's Email Address: ihamud@loganutah.org

Operator (Complete this section only if the operator is not an employee of the Owner shown above)

Name: _____ Phone No.: (____) _____
Mailing Address: _____
(Number & Street, Box and/or Route)
City: _____, State: _____ Zip Code: _____
Contact's Name: _____ Title: _____
Contact's Mailing Address: _____
Phone No.: (____) _____ Contact's Email Address: _____

Facility Status

☒ Currently in Operation

☐ Closed - Date: _____
(The "Closed - Date" is the date that all compost was removed from the site)

Annual Totals

Tons of waste received in reporting period: 9,133 or cubic yards: _____
Product removed from site during period: 7,908 Tons or cubic yards
Has facility operated according to approved plan of operation ☒ yes ☐ no

If no please contact the solid waste section at 801-538-6170

Signature:  Date: 3/1/06

Signature should be by an executive officer, general partner, proprietor, elected official, or a duly authorized representative. A duly authorized representative must meet the requirements of the solid waste rules (UAC R315-310-2(4)(d)).

Print Name: Issa Hamud Title: Director of Environmental Department

EXECUTIVE SUMMARY

Logan City Environmental Department

Executive Summary

Mission

To serve each person in Cache County by working together and practicing environmentally and economically sound solid waste and environmental management to make Logan City and Cache County a place everyone would want to call home.

Department Philosophy

1. Take care of our people
2. Improve the quality of our product and service
3. Ensure every action and decision is key to the customer
4. Ensure compliance with federal, state, and local ordinances
5. Focus on the future

Accomplishments

Quantities Collected

1. Landfilled over 89,058 tons of municipal solid waste
2. Landfilled over 18,810 tons of Construction and Demolition waste
3. Recycled over 4,201 tons of material
4. Diverted over 1,619 tons of asphalt
5. Diverted over 4,560 gallons of used oil
6. Diverted over 4,861 tire units
7. Diverted over 9,133 tons of green waste
8. Diverted over 23,275 lbs. and 6,860 gallons of household hazardous waste
9. Diverted over 545 lead acid battery units

During the past year, The Logan City Environmental Department (LCED) has continued to serve the people of Cache Valley by providing them with an efficient refuse collection system and a state permitted solid waste disposal facility (landfill).

This past year the collections division has worked hard to keep up with the increasing demands resulting from population growth, new commercial and residential construction projects, high fuel prices and inclement weather. The collection vehicle operators are the backbone of this division. They all maintain current Utah State Commercial Drivers Licenses. They are required to perform pre-trip and post-trip inspections on their vehicles to prevent mechanical failures and verify that all safety devices are functional. They are subject to a random drug testing program and have recently been encouraged to pursue healthy lifestyles through use of the exercise room that has been prepared, this year, for the use of all LCED employees.

The landfill staff maintains a Class I Municipal Solid Waste Landfill, a Class IV Construction and Demolition Landfill, a household hazardous waste program and a full scale green waste composting facility. This facility is maintained by technicians, heavy equipment operators and attendants. Each of these employees has played a vital role in the past year of providing the public with a facility where they can dispose of almost all types of generated waste in a safe and environmentally compliant manner. Landfill staff are annually trained under the direction of the Logan City Safety Department. This training includes hazardous waste recognition, safety and emergency response. Extended training is provided to employees that require more specialized training. This training includes the 40 hour Hazardous Waste Operations (HAZWOPER) course and Manager of Landfill Operation (MOLO) course.

The LCED is always trying to improve the quality and efficiency of service that we provide to our customers. Following are some notable accomplishments made by the Landfill during 2005:

1. Adopted and began implementation of a Storm Water Pollution Prevention Plan (SWPPP) for the landfill as required by recently obtained Storm Water Discharge Permit.
2. Provided numerous educational opportunities to the public via tours and school outreach programs.
3. Expanded household hazardous waste program to include disposal and/or recycling of computer hardware, color monitors and color televisions at approved off-site facilities.
4. Creation of the Landfill Mall which allows the public to purchase useable items donated to the landfill for the purpose of reselling.

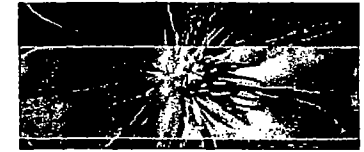
Employees:

As of December 31, 2005, the LCED currently has 48 full time employees, 6 part time employees and 1 seasonal employee.

Landfill Goals:

1. Continue to maintain compliance with all state issued permits required for landfill operation.
2. Continue implementation of all facility operational plans.
3. Construction of several storm water retention basins at landfill.
4. Implement improvements to the north slope area of landfill which are currently in the planning/funding stage.
5. Implementation of rotation system with new trackloaders at landfill.
6. Increased teamwork effort and cooperation between landfill management, engineer and technician to increase productivity, efficiency and improve landfill environment.

Environmental Department



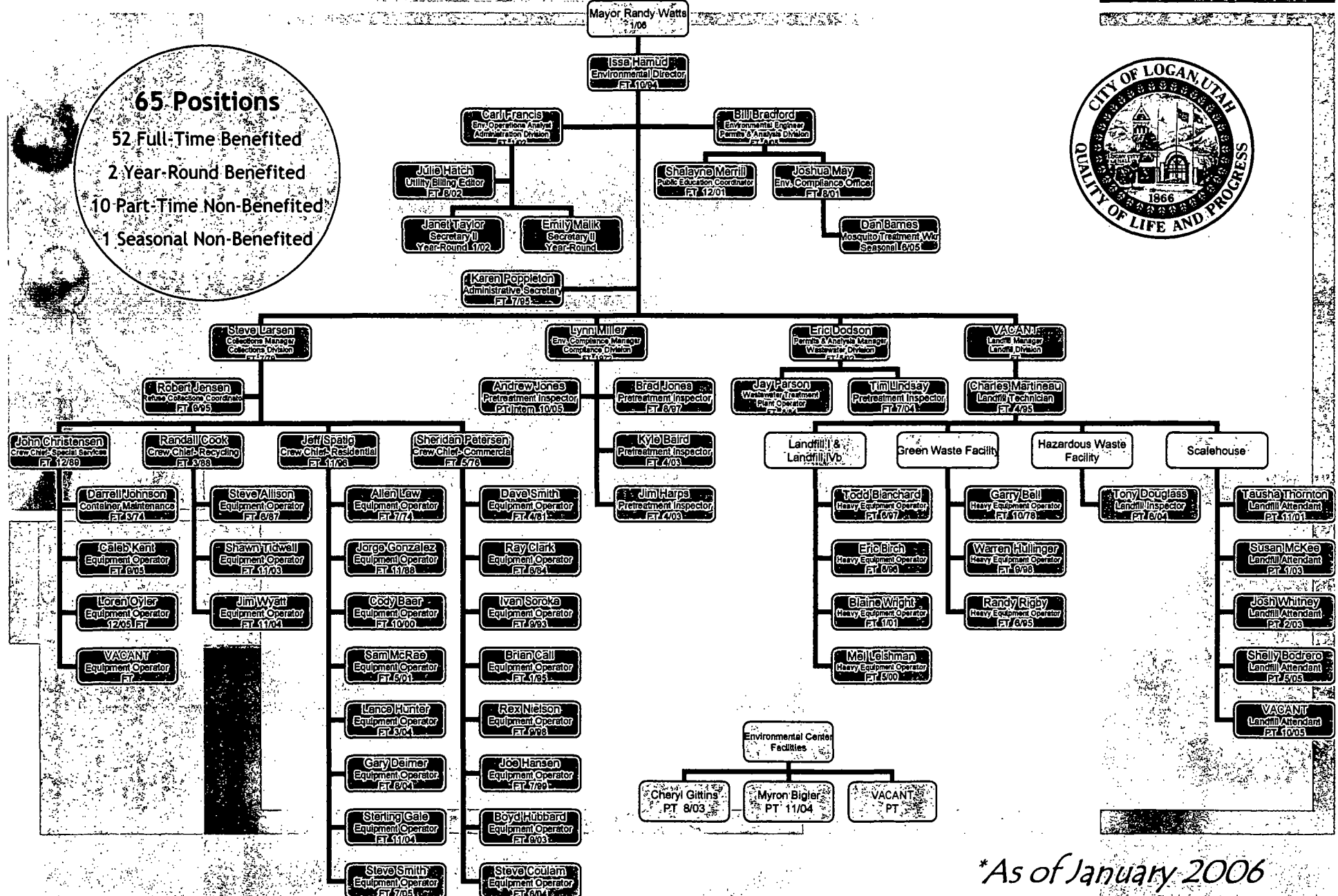
65 Positions

52 Full-Time Benefited

2 Year-Round Benefited

10 Part-Time Non-Benefited

1 Seasonal Non-Benefited



**As of January 2006*

**GROUND WATER MONITORING
(ATTACHMENT I)**

Groundwater Monitoring

For the year 2005, Kleinfelder Inc. has continued to sample the Logan City landfill groundwater system. Kleinfelder will submit an annual groundwater monitoring report to the Department of Environmental Quality.

Transmittal

To Mr. Matt Sullivan
Department of Environmental Quality
Division of Solid and Hazardous Waste
P.O. Box 144880
Salt Lake City, Utah 84114-4880
801-538-6170

Date February 3, 2006
File 62673.002
Copies One

Subject: Submittal of Fall 2005 Annual Groundwater Monitoring Report for Logan Landfill

We are sending ☒ Attached ☐ Under separate cover

The following: _____

On behalf of the City of Logan, Kleinfelder is pleased to present with this transmittal one copy of the
above-referenced groundwater monitoring report.

Please feel free to contact David Shank or me with any questions at 801-261-3336.

Via:

☐ Messenger
☒ First Class Mail
☐ Air
☐ Fed Ex
☐ United Parcel
☐ Air Freight

Regards,

Jennifer Grippa
Project Manager

cc: Project file

Transmitted:

☐ As Requested
☐ For Approval
☒ For Your Use
☐ For Review

Transmittal

To Mr. Issa Hamud, Environmental Director
City of Logan
450 North 1000 West
Logan, Utah 84321-3740
435-716-9752

Date February 3, 2006
File 62673.002
Copies Two

Subject: Submittal of Fall 2005 Annual Groundwater Monitoring Report for Logan Landfill

We are sending ☒ Attached ☐ Under separate cover

The following: Issa,

Included with this transmittal are two hard copies of the above-referenced groundwater monitoring report.

Please feel free to contact David Shank or me with questions at 801-261-3336. One copy of the above-referenced groundwater monitoring report has been forwarded to Mr. Matt Sullivan at DSHW on behalf of the City of Logan.

Via:

☐ Messenger
☒ First Class Mail
☐ Air
☐ Fed Ex
☐ United Parcel
☐ Air Freight

Regards,

Jennifer Grippa
Project Manager

cc: Project file

Transmitted:

☐ As Requested
☐ For Approval
☒ For Your Use
☐ For Review

**GAS MONITORING RESULTS
(ATTACHMENT II)**



City of Logan Landfill Gas Monitoring Results 2005

Monitoring Location	Location Name	Date	Time of Day	Wind Speed mph/ Direction	Temp F°	Methane LEL	Hydrogen Sulfide PPM	Comments
Monitoring Well #1	AM-1							
		3/30/05	6:00 AM	0	32	0	0	
		6/30/05	10:10 AM	2 E	78	0	0	
		9/9/05	10:30 AM	12.1 N	79	0	0	Gusting Winds
		12/22/05		0	53	0	0	
Monitoring Well #2A	AM-2							
		3/30/05	6:05 AM	0	32	0	0	
		6/30/05	10:13 AM	1.6 E	78	0	0	
		9/9/05	10:39 AM	12.6 N	78	0	0	Gusting Winds
		12/22/05		0	53	0	0	
Monitoring Well #3B	AM-3							
		3/30/05	6:42 AM	0	32	0	0	
		6/30/05	10:30 AM	0	79	0	0	
		9/9/05	11:00 AM	13.0 N	78	0	0	Gusting Winds
		12/22/05		2.4 W	47	0	0	
Monitoring Well #4	AM-4							
		3/30/05	7:50 AM	0	32	0	0	
		6/30/05	11:59 AM	0	81	0	0	
		9/9/05	11:36 AM	18.6 N	77	0	0	Gusting Winds
		12/22/05		0	44	0	0	
Monitoring Well #5	AM-5							
		3/30/05	7:47 AM	0	32	0	0	
		6/30/05	11:50 AM	0	81	0	0	
		9/9/05	11:32 AM	15.6 N	78	0	0	Gusting Winds
		12/22/05	4:05 PM	0	46	0	0	
Monitoring Well #6A	AM-6							
		3/30/05	7:41 AM	0	32	0	0	
		6/30/05	11:46 AM	0	81	0	0	
		9/9/05	11:27 AM	15.2 N	76	0	0	Gusting Winds
		12/22/05		0	48	0	0	
New Scale House	AM-8							
		3/30/05	7:55 AM	0	32	0	0	
		6/30/05	10:00 AM	.4 E	74	0	0	
		9/9/05	10:55 AM	12.9 N	76	0	0	Gusting Winds
		12/22/05		0	49	0	0	
Old Scale House	AM-9							
		3/30/05	7:22 AM	0	32	0	0	
		6/30/05	10:05 AM	1 E	74	0	0	
		9/9/05	10:52 AM	14.2 N	76	0	0	Gusting Winds
		12/22/05		0	77	0	0	
Big Equipment Shed	AM-10							
		3/30/05	6:31 AM	0	32	0	0	
		6/30/05	10:15 AM	0	74	0	0	
		9/9/05	11:12 AM	10.7 N	76	0	0	Gusting Winds
		12/22/05		0	59	0	0	
East Stream Boundary	AM-11							
		3/30/05	7:28 AM	0	31	0	0	
		6/30/05	10:45 AM	2 E	78	0	0	
		9/9/05	11:14 AM	14.4 N	78	0	0	Gusting Winds
		12/22/05		0	51	0	0	

Monitoring Location	Location Name	Date	Time of Day	Wind Speed mph/ Direction	Temp F°	Methane LEL	Hydrogen Sulfide PPM	Comments
South Boundary	AM-12							
		3/30/05	7:40 AM	0	32	0	0	
		6/30/05	11:38 AM	1 E	79	0	0	
		9/9/05	11:20 AM	16 N	78	0	0	Gusting Winds
		12/22/05		0	42	0	0	
South West Corner	AM-13							
		3/30/05	7:38 AM	0	32	0	0	
		6/30/05	11:40 AM	1 E	79	0	0	
		9/9/05	11:22 AM	14.5 N	77	0	0	Gusting Winds
		12/22/05		0	49	0	0	
North West Corner	AM-14							
		3/30/05	6:49 AM	0	33	0	0	
		6/30/05	11:30 AM	0	80	0	0	
		9/9/05	11:38 AM	15.4 N	76	0	0	Gusting Winds
		12/22/05		0	48	0	0	
North East Corner	AM-15							
		3/30/05	6:41 AM	0	32	0	0	
		6/30/05	11:28 AM	0	79	0	0	
		9/9/05	10:50 AM	16.2	76	0	0	Gusting Winds
		12/22/05		0	51	0	0	
South West Stream	AM-16							
		3/30/05	7:30 AM	0	32	0	0	
		6/30/05	10:51 AM	2 E	78	0	0	
		9/9/05	10:50 AM	16.2	76	0	0	Gusting Winds
		12/22/05		0	50	0	0	
Monitoring Well#9	AM-17							
		3/30/05	7:33 AM	0	32	0	0	
		6/30/05	10:40 AM	0	79	0	0	
		9/9/05	11:25 AM	15.1	76	0	0	Gusting Winds
		12/22/05		0	53	0	0	
Monitoring Well#10	AM-18							
		3/30/05	6:30 AM	0	32	0	0	
		—						
		9/9/05	11:10:00 AM	16.2	76	0	0	Gusting Winds
		12/22/05		0	50	0	0	
HHW Sheds	AM-19							
		3/30/05	6:19 AM	0	32	0	0	
		6/30/05	10:23 AM	0	77	0	0	
		9/9/05	11:44:00 AM	13.3	78	0	0	Gusting Winds
		12/22/05		0	53	0	0	
Leachate Manhole Cover #1	LW-1							
		3/30/05	7:00 AM	0	32	0	0	
		6/30/05	12:15 PM	0	81	0	0	
		9/9/05	11:40 AM	16.2	77	0	0	Gusting Winds
		12/22/05		0	51	0	0	
Leachate Manhole Cover #2	LW-2							
		3/30/05	7:10 AM	0	32	0	0	
		6/30/05	12:21 PM	0	81	0	0	
		9/9/05	11:45 AM	13.5	78	0	0	Gusting Winds
		12/22/05		0	53	0	0	

Monitoring Location	Location Name	Date	Time of Day	Wind Speed mph/ Direction	Temp F°	Methane LEL	Hydrogen Sulfide PPM	Comments
Leachate Manhole Cover #3	LW-3							
		3/30/05	7:12 AM	0	33	0	0	
		6/30/05	12:25 PM	0	80	0	0	
		9/9/05	11:48 AM	10.5	77	0	0	Gusting Winds
		12/22/05		0	54	0	0	
Leachate Manhole Cover #4	LW-4							
		3/30/05	7:15 AM	0	33	0	0	
		6/30/05	12:29 PM	0	81	0	0	
		9/9/05	11:55 AM	13.2	80	0	0	Gusting Winds
		12/22/05		0	54	0	0	
Leachate Manhole Cover #5	LW-5							
		3/30/05	7:17 AM	0	33	0	0	
		6/30/05	12:35 PM	0	80	0	0	
		9/9/05	11:59 AM	15.6	79	0	0	Gusting Winds
		12/22/05		0	54	0	0	
Leachate Manhole Cover #6	LW-6							
		3/30/05	7:19 AM	0	31	0	0	
		6/30/05	12:41 PM	0	81	0	0	
		9/9/05	12:10 AM	16.5	79	0	0	Gusting Winds
		12/22/05		0	54	0	0	
Leachate Manhole Cover #7	LW-7							
		3/30/05	7:20 AM	0	32	0	0	
		6/30/05	12:50 PM	0	81	0	0	
		9/9/05	12:15 AM	18.2	78	0	0	Gusting Winds
		12/22/05		0	54	0	0	
Leachate Manhole Cover #8	LW-8							
		3/30/05	7:24 AM	0	32	0	0	
		6/30/05	12:53 PM	0	81	0	0	
		9/9/05	12:21 AM	16.3	78	0	0	Gusting Winds
		12/22/05		0	50	0	0	
Leachate Manhole Cover #9	LW-9							
		3/30/05	7:27 AM	0	32	0	0	
		6/30/05	12:58 PM	0	81	0	0	
		—						
		12/22/05		0	50	0	0	

**TRAINING PROGRAM
(ATTACHMENT III)**



Landfill Employee Training 2005

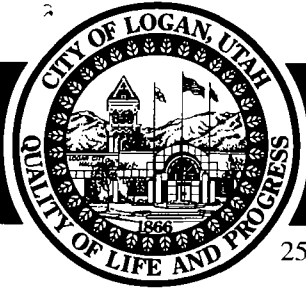
Annual Safety Training																
Employee	Personal Safety	First Aid	Emergency Evacuation	Work Place Violence	Customer Service	Accident Investigation	Hazardous Waste Identification	PPE, Fire Ectingulisher, Confined Space	Tires	CDL	Blood Borne Pathogens, Hazardous Comm.	40 hr Hazwoper	MOLO	TORT Liability	Confined Spaces	Total Attendance of Expected Training for Each Employee
Randall Cook	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	100%
Martineau, Charles	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	93%
Bell, Garry	X	X	X	X	X	X	X	X	X	X				X	X	85%
Hullinger, Warren	X	X	X	X	X	X	X	X	X	X	X			X	X	92%
Blanchard, Todd	X	X	X	X	X	X	X	X	X	X	X			X	X	100%
Mel Lishman	X	X	X	X	X	X	X	X	X	X	X			X	X	92%
Rigby, Randy	X	X	X	X	X	X	X	X	X	X	X			X	X	92%
Wright, Blaine	X	X	X	X	X	X	X	X	X	X	X			X	X	69%
Birch, Eric	X	X	X	X	X	X	X	X	X	X	X			X	X	85%
Tony Douglas	X	X	X	X	X	X	X	X	X	X	X	X		X	X	93%
Thornton, Tausha	X	X	X	X	X		X				X			X		75%
McKee, Susan	X	X	X	X	X		X				X			X		63%
Rachelle Bodrero	New employee will start annual training classes in January 2006															N/A
Josh Whitney	X	X	X	X	X						X			X		50%
(Vacant) Scale-house Attendant	Position has had a high turnover rate and is currently vacant as of 12/31/2005															N/A

Total Percent Attendance	46.15%	92.31%	84.62%	92.31%	100.00%	100.00%	84.62%	80.00%	100.00%	80.00%	84.62%	100.00%	100.00%	84.62%	90.00%	Annual Average Attendance 88%
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Employee	Monthly Department/Safety Meetings												Total Attendance of Expected Training
	1/11/2005	2/8/2005	3/8/2005	4/12/2005	5/10/2005	6/15/2005	7/20/2005	8/10/2005	9/14/2005	10/12/2005	11/9/2005	12/14/2005	
Randall Cook	X	X	X	X	X	X	X	X	X	X	X	X	100%
Martineau, Charles	X	X	X	X	X	X	X	X	X	X	X	X	92%
Bell, Garry	X	X	X	X	X	X	X	X	X	X	X	X	83%
Hullinger, Warren	X	X	X	X	X	X	X	X	X	X	X	X	92%
Blanchard, Todd	X	X	X	X	X	X	X	X	X	X	X	X	83%
Mel Lishman	X	X	X	X	X	X	X	X	X	X	X	X	92%
Randy Rigby	X	X	X	X	X	X	X	X	X	X	X	X	92%
Wright, Blaine	X	X	X	X	X	X	X	X	X	X	X	X	75%
Birch, Eric	X	X	X	X	X	X	X	X	X	X	X	X	92%
Tony Douglas	X	X	X	X	X	X	X	X	X	X	X	X	100%
Thornton, Tausha	X	X	X	X	X	X	X	X	X	X	X	X	42%
McKee, Susan	X	X	X	X	X	X	X	X	X	X	X	X	67%
Rachelle Bodrero	Not employed at this time							X	X	X	X	X	60%
Josh Whitney	X	X	X	X	X	X	X	X	X	X	X	X	42%
Vacant Scale-House Attendant	Position has had a high turnover rate and is currently vacant as of 12/31/2005												N/A
Total Percent Attendance	50.00%	100.00%	91.67%	100.00%	91.67%	83.33%	75.00%	100.00%	92.31%	100.00%	84.62%	69.23%	Annual Average Attendance 86%

☐ = No Training Required
☒ = Expected Training For Employee

**FINACIAL ASSURANCE
(ATTACHEMENT IV)**



255 North Main Street • Logan, Utah 84321 • Phone (435) 716-9000 • FAX (435) 716-9001

December 1, 2005

Matt Sullivan, Geologist/Environmental Scientist
Department of Environmental Quality
Division of Solid and Hazardous Waste
288 North 1460 West
P.O. Box 144880
Salt Lake City, Utah 84114-4880

Dear Matt Sullivan:

I am submitting the following information to meet the financial assurance requirements for closure and post-closure costs at the Logan Landfill in accordance with the *Utah Solid Waste Permitting and Management Rules* Subsection R315-309-8(4)(a).

Requirement 4(a)(i)

The current cost estimate covered by the financial test is \$7,588,484. Please refer to the attached schedules for the supporting details. These schedules have been taken from the Logan City Sanitary Landfill Class IV Permit Renewal and cost estimates updated by Logan City. The cost estimates used during the year ended June 30, 2005 were prepared by the engineering firm of IGES.

Requirement 4(a)(ii)

The requirements of 8(2) are met as follows:

- 8(2)(a) The City's outstanding general obligation debt is currently rated as A by Moody's.
- 8(2)(b) Not applicable.
- 8(2)(c) Enclosed is a copy of the City of Logan's audited financial statements, which have been prepared in conformity with Generally Accepted Accounting Principles (GAAP).

8(2)(d) Footnote 17 on page 59 of the City's financial statements makes the necessary references to closure and post-closure costs.

The requirements of 8(6) are met as follows:

8(6)(a) The closure and post-closure costs assured by the financial test are below 43% of the City's total annual revenue. The City's total annual revenue for its enterprise and governmental funds for the year ended June 30, 2005 was \$76,751,783. Governmental fund revenues can be found on page 28 of the audited financial statements. Enterprise fund revenues can be found on page 34 of the financial statements. The maximum assurance for Logan City at 43% is \$33,003,267.

8(6)(b) The City is not assuring any other environmental obligation through a financial test.

If you have any questions about the information provided, please call.

Sincerely,

A handwritten signature in black ink, appearing to read 'Richard Anderson', with a long horizontal flourish extending to the right.

Richard Anderson
Director of Finance
City of Logan

(PHASE I & PHASE II)

Section 1.0 - Engineering

PHASE I

(ESTIMATED DATE OF CLOSURE= 2007, AREA= 790,000 FT SQ)

Item	Description	Unit Measure	Cost/Unit	No. Units	Total Cost
1.1	Topographic Survey	LS	\$5,000	1	\$5,000
1.2	Boundary Survey for Closure	NA			
1.3	Site Evaluation	LS	\$2,500	1	\$2,500
1.4	Development of Plans	LS	\$15,000	1	\$15,000
1.5	Contract Administration - (Bidding and Award)	LA	\$7,500	1	\$7,500
1.6	Administrative Costs - (Certification of Final Cover and Closure Notice)	LS	\$7,500	1	\$7,500
1.7	Project Management - (Construction Observation and Testing)	LS	\$25,000	1	\$25,000
1.8	Monitor Well Consultant Cost	NA			\$0
1.9	Other Environmental Permit Costs	NA			\$0
				Engineering Subtotal	\$62,500

PHASE II

(ESTIMATED DATE OF CLOSURE-2017, AREA-1,343,000 FT SQ)

Unit Measure	Cost/Unit	No. Units	Total Cost
LS	\$5,000	1	\$5,000
NA			
LS	\$2,500	1	\$2,500
LS	\$15,000	1	\$15,000
LA	\$7,500	1	\$7,500
LS	\$7,500	1	\$7,500
LS	\$25,000	1	\$25,000
NA			\$0
NA			\$0
Engineering Subtotal			62500

Section 2.0 - Construction

PHASE I

Section 2.0 Construction		PAGE 1			
Item	Description	Unit Measure	Cost/Unit	No. Units	Total Cost
2.1	Final Cover System				
2.1.1	Site Preparation/ Site Regrading	ACRE	\$1,000	18.1	\$18,100
2.1.2	Gas Collection Layer/Pipes	NA			\$0
2.1.3	Low permeability Layer (Soil - If Applicable)				
a	Soil Purchase	NA			\$0
b	Soil Processing (load)	CY	\$0.50	43,888	\$21,944
c	Soil Transportation	CY	\$1.50	43,888	\$65,832
d	Soil Placement	CY	\$1.00	43,888	\$43,888
e	Soil Amendment (compact)	CY	\$7.00	43,888	\$307,216
2.1.4	Low permeability Layer (Synthetic - If Applicable)				
a	Geotextile	NA			\$0
b	GCL	NA			\$0
c	Geomembrane (HDPE,PVC,LLDPE,etc.)	NA			\$0
2.1.5	Drainage Layer (Soil - If Applicable)				
a	Geotextile	NA			\$0
b	Sand/Gravel	NA			\$0
2.1.6	Drainage Layer (Synthetic - If Applicable)				
a	Geotextile	NA			\$0
b	Geonet/Geocomposite	NA			\$0
2.1.7	Erosion Protection Soil Layer				
a	Soil Purchase	NA			\$0
b	Soil Processing (load)	CY	\$0.50	43,888	\$21,944
c	Soil Transportation	CY	\$1.50	43,888	\$65,832
d	Soil Placement	CY	\$1.00	43,888	\$43,888
e	Soil Amendment (compact)	CY			\$0
2.1.8	Topsail Layer				
a	Soil Purchase	NA			\$0
b	Soil Processing (load)	CY	\$0.50	14,629	\$7,315
c	Soil Transportation	CY	\$1.50	14,629	\$21,944
d	Soil Placement	CY	\$1.50	14,629	\$21,944
e	Soil Amendment	NA			\$0
2.1.9	Revegetation				
a	Seeding	ACRE	\$800	18.1	\$14,480
b	Fertilizing	ACRE	\$800	18.1	\$14,480
c	Mulch	ACRE	\$200	18.1	\$3,620
d	Tacifier	ACRE	\$200	18.1	\$3,620
2.2	Stormwater Protection Structures				
a	Culverts	EA	1,500	\$3	\$4,500
b	Pipes	NA	400	\$3	\$2,000
c	Ditches/Bermes	FT	2,500	\$3	\$12,500
d	Detention Basins	NA			\$0
2.3	Gas Collection System				
a	Design	NA			\$0
b	Additional Equipment / Installation	NA			\$0
2.4	Leachate Collection System				
a	Design	NA			\$0
b	Additional Equipment / Installation	NA			\$0
2.5	Groundwater Monitoring System				
a	Monitor Well Installation	NA			\$0
b	Monitor Well Abandonment	NA			\$0
2.6	Site Security				
a	Lighting, signs, etc...	NA			\$0
b	Fencing and Gates	NA			\$0
2.7	Miscellaneous				
a	Performance Bonds	LS	\$12,000	1	\$12,000
b	Contract/Legal fees	LS	\$3,000	1	\$3,000
				Construction Subtotal	\$712,047

PHASE II

Unit Measure	Cost/Unit	No. Units	Total Cost
ACRE	\$1,000	30.8	\$30,830
NA			\$0
NA			\$0
CY	\$0.50	74,611	\$37,306
CY	\$1.50	74,611	\$111,917
CY	\$1.00	74,611	\$74,611
CY	\$7.00	74,611	\$522,277
NA			\$0
NA			\$0
NA			\$0
NA			\$0
NA			\$0
NA			\$0
NA			\$0
NA			\$0
NA			\$0
CY	\$0.50	74,611	\$37,306
CY	\$1.50	74,611	\$111,917
CY	\$1.00	74,611	\$74,611
CY			\$0
NA			\$0
CY	\$0.50	24,870	\$12,435
CY	\$1.50	24,870	\$37,306
CY	\$1.50	24,870	\$37,306
NA			\$0
ACRE	\$800	30.8	\$24,664
ACRE	\$800	30.8	\$24,664
ACRE	\$200	30.8	\$6,166
ACRE	\$200	30.8	\$6,166
EA	\$1,500	1	\$1,500
NA	\$1,100	10	\$11,000
FT	\$4,000	5	\$20,000
NA			\$0
NA			\$0
NA			\$0
NA			\$0
NA			\$0
NA			\$0
LS	\$20,000	1	\$20,000
LS	\$5,000	1	\$5,000
Construction Subtotal			\$1,206,979

LS - LUMP SUM
NA - NOT APPLICABLE
EA - EACH
CY - CUBIC YARD
FT - FEET

Total	\$774,547
10% Contingency	\$77,455
Subtotal Closure Cost	\$852,001
Inflation Factor 1.1040	
Inflated Closure Cost (2% inflation)	\$940,609

Total	\$1,269,479
10% Contingency	\$126,948
Subtotal Closure Cost	\$1,396,427
Inflation Factor 1.3458	
Inflated Closure Cost (2% inflation)	\$1,879,312

POST-CLOSURE COSTS (30 YEARS)

Section 1.0 - Engineering

Item	Description	Unit Measure	Cost/Unit	No. Units	Total Cost
1.1	Post-Closure Plan	LS	\$5,000	1	\$5,000
1.2	Annual Report (including results from gas, leachate, and ground water sampling - details of maintenance performed)	LS	\$5,000	30	\$150,000
a	Semiannual Site Inspections	LS	\$400	60	\$24,000
b	Plan Update	LS	\$200	30	\$6,000
Engineering Subtotal					\$185,000

Section 2.0 - Gas Collection System - Sampling

Item	Description	Unit Measure	Cost/Unit	No. Units	Total Cost
2.1	Sample Collection	LS	\$250	60	\$15,000
2.2	Sample Analysis	NA			\$0
2.3	Report (Part of Annual Report)				
Gas Collection System - Sampling Subtotal					\$15,000

Section 3.0 - Leachate Collection System - Sampling

Item	Description	Unit Measure	Cost/Unit	No. Units	Total Cost
2.1	Sample Collection	NA			\$0
2.2	Sample Analysis	NA			\$0
2.3	Report (Part of Annual Report)				
Leachate Collection System - Sampling Subtotal					\$0

Section 4.0 - Ground Water Monitoring System - Sampling

Item	Description	Unit Measure	Cost/Unit	No. Units	Total Cost
3.1	Sample Collection	LS	\$2,500	60	\$150,000
3.2	Sample Analysis	LS	\$15,000	60	\$900,000
3.3	Report (Part of Annual Report)				
Ground Water Collection System - Sampling Subtotal					\$1,050,000

Section 5.0 - Facility Operations and Maintenance

Item	Description	Unit Measure	Cost/Unit	No. Units	Total Cost
4.1	Cover				
a	Soil Replacement	LS	\$1,000	30	\$30,000
b	Vegetation/Reseeding	LS	\$500	30	\$15,000
4.2	Storm Water Protection Structures				
a	Ditch and Culvert Maintenance	LS	\$500	30	\$15,000
b	Berm and Basin Maintenance	LS	\$500	30	\$15,000
4.3	Gas Collection System				
a	System Operation	NA		30	\$0
b	System Repair	LS	\$200	30	\$6,000
4.4	Leachate Collection System				
a	System Operation	NA		30	\$0
b	System Repair	NA		30	\$0
4.5	Ground Water Monitoring System				
a	System Operation	NA		30	\$0
b	System Repair	LS	\$500	30	\$15,000
4.6	Site Security				
a	Lighting, signs, etc.	LS	\$500	30	\$15,000
b	Fencing and Gates	LS	\$500	30	\$15,000
4.7	Miscellaneous				
a					
b					
Facility Operations and Maintenance Subtotal					\$126,000

Total \$1,376,000
 10% Contingency \$137,600
 Total Post-Closure Cost \$1,513,600

City of Logan
Statement of Revenues, Expenditures, and Changes in Fund Balances
Governmental Funds
For the Year Ended June 30, 2005

	General	Redevelopment Agency	Other Governmental Funds	Total Governmental Funds
REVENUES				
Property tax	\$ 2,283,728	\$ 1,319,642	\$ 1,303,020	\$ 4,906,390
Sales tax	6,966,781	-	1,734,221	8,701,002
Franchise tax	4,406,748	-	-	4,406,748
Licenses and permits	884,225	-	-	884,225
Intergovernmental	2,419,307	-	2,535,279	4,954,586
Administrative fees	1,783,657	-	-	1,783,657
Charges for services	2,858,923	-	1,582,805	4,441,728
Fines	806,024	-	34,480	840,504
Investment earnings	45,182	2,353	44,880	92,415
Contributions from private sources	18,050	-	60,966	79,016
Miscellaneous	249,046	44,791	94,231	388,068
Total revenues	<u>22,721,671</u>	<u>1,366,786</u>	<u>7,389,882</u>	<u>31,478,339</u>
EXPENDITURES				
Current:				
General government	5,453,694	-	-	5,453,694
Public safety	8,573,006	-	971,271	9,544,277
Public works	5,420,408	308,520	1,949,834	7,678,762
Parks, recreation and culture	2,717,303	-	2,478,082	5,195,385
Debt service:				
Principal	1,347,365	568,293	-	1,915,658
Interest	863,714	179,425	-	1,043,139
Capital outlay:				
General government	10,805	-	-	10,805
Public safety	363,518	-	465,891	829,409
Public works	351,083	32,890	869,646	1,253,619
Parks, recreation and culture	110,970	-	990,087	1,101,057
Total expenditures	<u>25,211,866</u>	<u>1,089,128</u>	<u>7,724,811</u>	<u>34,025,805</u>
Revenues over (under) expenditures	<u>(2,490,195)</u>	<u>277,658</u>	<u>(334,929)</u>	<u>(2,547,466)</u>
OTHER FINANCING SOURCES (USES)				
Transfers in	5,847,520	-	640,457	6,487,977
Transfers out	(1,018,947)	(3,087,859)	(139,986)	(4,246,792)
Debt proceeds	269,387	-	-	269,387
Sale of fixed assets	28,422	48,531	18,386	95,339
Total other financing sources (uses)	<u>5,126,382</u>	<u>(3,039,328)</u>	<u>518,857</u>	<u>2,605,911</u>
Net change in fund balances	2,636,187	(2,761,670)	183,928	58,445
Fund balances, beginning	1,227,761	1,213,246	2,211,386	4,652,393
Fund balances, ending	<u>\$ 3,863,948</u>	<u>\$ (1,548,424)</u>	<u>\$ 2,395,314</u>	<u>\$ 4,710,838</u>

The accompanying notes are an integral part of this statement.

City of Logan
Statement of Revenues, Expenses, and Changes in Net Assets
Proprietary Funds
For the Year Ended June 30, 2005

	Business-Type Activities - Enterprise Funds							Governmental Activities - Information Services ISF
	Water and Sewer	Sewer Treatment	Electric	Environmental Health	Storm Water Management	Golf Course	Total	
Operating revenues:								
Charges for sales and services	\$ 6,538,823	\$ 2,910,133	\$ 27,366,444	\$ 7,753,488	\$ -	\$ 790,573	\$ 45,359,461	\$ 994,735
Unbilled sales	205,622	23,230	885,628	-	-	-	1,114,480	-
Connection fees	299,135	-	284,025	-	-	-	583,160	-
Total operating revenues	7,043,580	2,933,363	28,536,097	7,753,488	-	790,573	47,057,101	994,735
Operating expenses:								
Personal services	1,339,183	218,904	2,323,476	2,486,994	-	415,994	6,784,551	476,895
Administrative fees	563,457	-	588,180	586,020	-	-	1,737,657	-
Contractual services	427,621	112,373	20,622	282,700	-	12,824	856,140	4,811
Operating and maintenance	1,394,190	463,453	21,651,252	1,568,449	-	351,720	25,429,064	488,148
Landfill closure/postclosure costs	-	-	-	557,602	-	-	557,602	-
Depreciation and amortization	901,604	379,762	1,733,398	922,816	31,156	146,242	4,114,978	61,487
Total operating expenses	4,626,055	1,174,492	26,316,928	6,404,581	31,156	926,780	39,479,992	1,031,341
Operating income (loss)	2,417,525	1,758,871	2,219,169	1,348,907	(31,156)	(136,207)	7,577,109	(36,606)
Nonoperating revenues (expenses):								
Intergovernmental revenue	164,000	-	-	-	-	-	164,000	-
Interest	39,240	4,198	5,458	33,233	4,452	5,175	91,756	7,133
Gain (loss) on sale of assets	(65,603)	(3,943)	(131,090)	(20,233)	-	(70,959)	(291,828)	(158,842)
Miscellaneous	98,395	-	119,272	307,494	-	1,556	526,717	5,827
Capital improvement development fees	112,625	-	-	-	-	-	112,625	-
Interest expense and fiscal charges	(291,999)	(413,429)	(211,249)	(10,383)	-	(69,697)	(996,757)	-
Total nonoperating revenue (expense)	56,658	(413,174)	(217,609)	310,111	4,452	(133,925)	(393,487)	(145,882)
Income (loss) before transfers	2,474,183	1,345,697	2,001,560	1,659,018	(26,704)	(270,132)	7,183,622	(182,488)
Transfers in	-	-	-	-	-	378,490	378,490	-
Transfers out	(1,265,371)	-	(3,055,473)	(1,086,690)	-	-	(5,407,534)	(300,000)
Capital contributions	3,218,024	-	-	-	58,905	-	3,276,929	-
Change in net assets	4,426,836	1,345,697	(1,053,913)	572,328	32,201	108,358	5,431,507	(482,488)
Total net assets, beginning	16,755,896	4,271,817	20,070,705	12,555,718	144,550	2,232,314	56,031,000	1,101,688
Total net assets, ending	\$ 21,182,732	\$ 5,617,514	\$ 19,016,792	\$ 13,128,046	\$ 176,751	\$ 2,340,672	\$ 61,462,507	\$ 619,200

The accompanying notes are an integral part of this statement.

CITY OF LOGAN
NOTES TO THE FINANCIAL STATEMENTS

The City also offers a defined contribution retirement pension plan that covers the appointed City officials that are permitted by state law to withdraw from the Utah State Retirement System. Contributions to the plan are based on the same rates of contributions that were being paid to the Utah State Retirement System defined benefit plans (11.09 percent for public employee's retirement, 20.77 percent police officer's retirement, and 7.83 percent firefighter's retirement). For fiscal year 2005, the employer contributions were \$63,690.

Note 16 - Economic Dependency

Utah State University is a significant customer of the City's enterprise funds. During fiscal year 2005, sales to Utah State University totaled \$3,125,052. At June 30, 2005, the receivable from Utah State University for power, water and sewer is \$323,422.

Note 17- Environmental Health Landfill Closure and Postclosure Costs

The City owns and operates a landfill in the western region of the City that manages solid waste for the entire county. State and federal laws require the City to close the landfill when it reaches capacity and to monitor and maintain the site for thirty subsequent years. The City recognizes a portion of these costs in each operating period even though actual payouts will not occur until the landfill is closed. The amount recognized each year is based on the percent landfill capacity used as of the balance sheet date. There are several methodologies used to close a landfill, which result in varying costs and landfill capacities. The following cost estimates are based on the current methodology, which includes a dome-shaped landfill cap.

As of June 30, 2005, the City had incurred a liability of \$3,566,587 which represents the cost reported to date based on a 47 percent estimate of the landfill capacity used. Closure and postclosure costs were estimated to be \$7,588,484 in a 2005 engineering study. The remaining estimated liability is \$4,021,897, which will be recognized as the remaining capacity is used (estimated closing date is 2023). The estimated cost of closure and postclosure care is subject to change.

According to state and federal law, the City is required to establish a trust fund with an independent third party to accumulate assets needed for the payout of closure costs. Currently, assets reported as restricted assets totaling \$1,384,427 are held for this purpose.

Annually, the City files a financial assurance report for closure and post-closure costs with the Utah Department of Environmental Quality. The Department of Environmental Quality subsequently analyzes the sufficiency of reserve funds to meet future costs.

Note 18 - Redevelopment Agency

In accordance with Section 17B-4-1305 of Utah Code Annotated, all municipalities having established Redevelopment Agencies are required to disclose certain revenues and expenditures associated with the various project areas. The revenues and expenditures associated with the City's redevelopment areas are as follows:



Certified Public Accountants

1011 West 400 North, Suite 100
P.O. Box 747
Logan, UT 84323-0747
Phone: (435) 752-1510 • (877) 752-1510
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OFFICERS:

*Paul D. Simkins, CPA
Michael C. Kidman, CPA, MBA
Brent S. Sandberg, CPA
Brett C. Hugie, CPA
Mark E. Low, CPA
H. Paul Gibbons, CPA*

**Independent Accountants' Report
on Applying Agreed-upon Procedures**

City of Logan
255 North Main
Logan, UT 84321

We have performed the procedures listed below, which were agreed to by the City of Logan (the City) and the State of Utah Department of Environmental Quality solely to assist the specified parties in evaluating the City's compliance with the financial assurance requirements for closure and post-closure costs at the Logan Landfill as allowed by the *Utah Solid Waste Permitting and Management Rules* subsection R315-309-8 as of June 30, 2005. Management is responsible for the City's compliance with those requirements. This agreed-upon procedures engagement was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. The sufficiency of these specified procedures is solely the responsibility of those parties specified in this report. Consequently, we make no representation regarding the sufficiency of the procedures described below either for the purpose for which this report has been requested or for any other purpose.

Our procedures and findings are as follows:

Procedure: Confirm that the City's financial statements were prepared in accordance with Generally Accepted Accounting Principles (GAAP).

Finding: We hereby confirm that the City's financial statements were prepared in accordance with Generally Accepted Accounting Principles (GAAP).

Procedure: Confirm that the City has not operated at a deficit equal to 5% or more, of the total annual revenue in each of the past two fiscal years.

Finding: The City's audited financial statements for the years ending June 30, 2005 and 2004, respectively, show that the City has not operated at a deficit.

Procedure: Confirm that the City has not received an adverse opinion, disclaimer of opinion, or other qualified opinion on its audited financial statements.

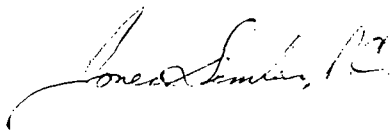
Finding: We hereby confirm that the City has not received an adverse opinion, disclaimer of opinion, or other qualified opinion on its June 30, 2005, audited financial statements.

Procedure: Determine that the City's outstanding general obligation bonds are secured or have a rating not lower than Baa as issued by Moody's or BBB as issued by Standard and Poor's.

Finding: The City's outstanding general obligation bonds are currently rated A by Moody's.

We were not engaged to, and did not, conduct an examination, the objective of which would be an expression of an opinion on compliance. Accordingly, we do not express such an opinion. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.

This report is intended solely for the use of the City of Logan and the State of Utah Department of Environmental Quality and is not intended to be and should not be used by anyone other than these specified parties.

A handwritten signature in cursive script, appearing to read "Jones Simkins".

JONES SIMKINS, P.C.
December 1, 2005

STATEMENT OF ACCOUNT

PTIF**UTAH PUBLIC TREASURERS' INVESTMENT FUND**

Edward T. Alter, Utah State Treasurer, Fund Manager

E315 State Capitol Complex

Salt Lake City, Utah 84114-2315

Local Call (801) 538-1042 Toll Free (800) 395-7665

www.treasurer.state.ut.us

PAGE: 1

ATTN: ROBERT BURTON
 LOGAN CITY LANDFILL-ESCROW
 PO BOX 527
 LOGAN, UT 84321

01/31/05

STATEMENT OF ACCOUNT NO: 0871

REPORT PERIOD: 01/01/05 TO 01/31/05

DATE	REFERENCE	DEPOSITS	WITHDRAWALS	BALANCE
01/01/05	BEGBAL	0.00	0.00	1,365,096.22
01/31/05	NETEARN	2,838.44	0.00	1,367,934.66
01/31/05	ENDBAL	0.00	0.00	1,367,934.66

ACCOUNT SUMMARY

BEGINNING BALANCE:	1,365,096.22
DEPOSITS IN THE PERIOD:	2,838.44
WITHDRAWALS IN THE PERIOD:	0.00
ENDING BALANCE:	1,367,934.66
GROSS EARNINGS:	2,838.44
ADMINISTRATIVE FEE (0.00000%)	0.00
NET EARNINGS:	2,838.44
AVERAGE DAILY BALANCE:	1,365,096.22
GROSS EARNINGS RATE:	2.4147%
NET EARNINGS RATE:	2.4147%

12-31-04 GASB 31 FAIR VALUE
 PER SHARE FACTOR IS 1.00025528

PLEASE RETAIN THIS STATEMENT FOR FUTURE REFERENCE

STATEMENT OF ACCOUNT



PTIF

PUBLIC TREASURERS' INVESTMENT FUND

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ESCROW-LOGAN CITY LANDFILL
 ATTN: ROBERT BURTON
 PO BOX 527
 LOGAN UT 84321

02/28/05

STATEMENT OF ACCOUNT NO: 0871

REPORT PERIOD: 02/01/05 TO 02/28/05

DATE	REFERENCE	DEPOSITS	WITHDRAWALS	BALANCE
02/01/05	BEGBAL	0.00	0.00	1,367,934.66
02/28/05	NETEARN	2,725.90	0.00	1,370,660.56
02/28/05	ENDBAL	0.00	0.00	1,370,660.56

ACCOUNT SUMMARY

BEGINNING BALANCE:	1,367,934.66
DEPOSITS IN THE PERIOD:	2,725.90
WITHDRAWALS IN THE PERIOD:	0.00
ENDING BALANCE:	1,370,660.56
GROSS EARNINGS:	2,725.90
ADMINISTRATIVE FEE (0.0000%)	0.00
NET EARNINGS:	2,725.90
AVERAGE DAILY BALANCE:	1,367,934.66
GROSS EARNINGS RATE:	2.5621%
NET EARNINGS RATE:	2.5621%

+ EQUIVALENT 365 DAY RATE IS +
 + 2.5976% +

PLEASE RETAIN THIS STATEMENT FOR FUTURE REFERENCE

STATEMENT OF ACCOUNT



PTIF

UTAH PUBLIC TREASURERS' INVESTMENT FUND

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ESCROW-LOGAN CITY LANDFILL
 ATTN: ROBERT BURTON
 PO BOX 527
 LOGAN UT 84321

03/31/05

STATEMENT OF ACCOUNT NO: 0871

REPORT PERIOD: 03/01/05 TO 03/31/05

DATE	REFERENCE	DEPOSITS	WITHDRAWALS	BALANCE
03/01/05	BEGBAL	0.00	0.00	1,370,660.56
03/31/05	NETEARN	3,219.25	0.00	1,373,879.81
03/31/05	ENDBAL	0.00	0.00	1,373,879.81

ACCOUNT SUMMARY

BEGINNING BALANCE:	1,370,660.56
DEPOSITS IN THE PERIOD:	3,219.25
WITHDRAWALS IN THE PERIOD:	0.00
ENDING BALANCE:	1,373,879.81
GROSS EARNINGS:	3,219.25
ADMINISTRATIVE FEE (0.0000%)	0.00
NET EARNINGS:	3,219.25
AVERAGE DAILY BALANCE:	1,370,660.56
GROSS EARNINGS RATE:	2.7275%
NET EARNINGS RATE:	2.7275%

+ EQUIVALENT 365 DAY RATE IS +
 + 2.7654% +

PLEASE RETAIN THIS STATEMENT FOR FUTURE REFERENCE

STATEMENT OF ACCOUNT

PTIF

UTAH

PUBLIC TREASURERS' INVESTMENT FUND

Edward T. Alter, Utah State Treasurer, Fund Manager

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ESCROW-LOGAN CITY LANDFILL
ATTN: ROBERT BURTON
PO BOX 527
LOGAN UT 84321

04/30/05

STATEMENT OF ACCOUNT NO: 0871

REPORT PERIOD: 04/01/05 TO 04/30/05

DATE	REFERENCE	DEPOSITS	WITHDRAWALS	BALANCE
04/01/05	BEGBAL	0.00	0.00	1,373,879.81
04/30/05	NETEARN	3,315.74	0.00	1,377,195.55
04/30/05	ENDBAL	0.00	0.00	1,377,195.55

ACCOUNT SUMMARY

BEGINNING BALANCE:	1,373,879.81
DEPOSITS IN THE PERIOD:	3,315.74
WITHDRAWALS IN THE PERIOD:	0.00
ENDING BALANCE:	1,377,195.55
GROSS EARNINGS:	3,315.74
ADMINISTRATIVE FEE (0.0000%)	0.00
NET EARNINGS:	3,315.74
AVERAGE DAILY BALANCE:	1,373,879.81
GROSS EARNINGS RATE:	2.8961%
NET EARNINGS RATE:	2.8961%

+ EQUIVALENT 365 DAY RATE IS +
+ 2.9363% +

PLEASE RETAIN THIS STATEMENT FOR FUTURE REFERENCE



PTIF

UTAH PUBLIC TREASURERS' INVESTMENT FUND

Edward T. Alter, Utah State Treasurer, Fund Manager

E315 State Capitol Complex

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ESCROW-LOGAN CITY LANDFILL
ATTN: ROBERT BURTON
PO BOX 527
LOGAN UT 84321

05/31/05

STATEMENT OF ACCOUNT NO: 0871

REPORT PERIOD: 05/01/05 TO 05/31/05

DATE	REFERENCE	DEPOSITS	WITHDRAWALS	BALANCE
05/01/05	BEGBAL	0.00	0.00	1,377,195.55
05/31/05	NETEARN	3,570.84	0.00	1,380,766.39
05/31/05	ENDBAL	0.00	0.00	1,380,766.39

ACCOUNT SUMMARY

BEGINNING BALANCE:	1,377,195.55
DEPOSITS IN THE PERIOD:	3,570.84
WITHDRAWALS IN THE PERIOD:	0.00
ENDING BALANCE:	1,380,766.39
GROSS EARNINGS:	3,570.84
ADMINISTRATIVE FEE (0.0000%)	0.00
NET EARNINGS:	3,570.84
AVERAGE DAILY BALANCE:	1,377,195.55
GROSS EARNINGS RATE:	3.0110%
NET EARNINGS RATE:	3.0110%

+ EQUIVALENT 365 DAY RATE IS +
+ 3.0529% +

PLEASE RETAIN THIS STATEMENT FOR FUTURE REFERENCE

STATEMENT OF ACCOUNT

**PTIF****UTAH PUBLIC TREASURERS' INVESTMENT FUND**

Edward T. Alter, Utah State Treasurer, Fund Manager

E315 State Capitol Complex

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ESCROW-LOGAN CITY LANDFILL
 ATTN: ROBERT BURTON
 PO BOX 527
 LOGAN UT 84321

06/30/05

STATEMENT OF ACCOUNT NO: 0871

REPORT PERIOD: 06/01/05 TO 06/30/05

DATE	REFERENCE	DEPOSITS	WITHDRAWALS	BALANCE
06/01/05	BEGBAL	0.00	0.00	1,380,766.39
06/30/05	NETEARN	3,660.87	0.00	1,384,427.26
06/30/05	ENDBAL	0.00	0.00	1,384,427.26

ACCOUNT SUMMARY

BEGINNING BALANCE:	1,380,766.39
DEPOSITS IN THE PERIOD:	3,660.87
WITHDRAWALS IN THE PERIOD:	0.00
ENDING BALANCE:	1,384,427.26
GROSS EARNINGS:	3,660.87
ADMINISTRATIVE FEE (0.0000%)	0.00
NET EARNINGS:	3,660.87
AVERAGE DAILY BALANCE:	1,380,766.39
GROSS EARNINGS RATE:	3.1816%
NET EARNINGS RATE:	3.1816%

IF ERRORS-CONTACT JENNIFER AT
 STATE AUDITORS, 801-808-0718

STATEMENT OF ACCOUNT



PTIF

UTAH PUBLIC TREASURERS' INVESTMENT FUND

Edward T. Alter, Utah State Treasurer, Fund Manager
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ESCROW-LOGAN CITY LANDFILL
 ATTN: ROBERT BURTON
 PO BOX 527
 LOGAN UT 84321

07/31/05

STATEMENT OF ACCOUNT NO: 0871

REPORT PERIOD: 07/01/05 TO 07/31/05

DATE	REFERENCE	DEPOSITS	WITHDRAWALS	BALANCE
07/01/05	BEGBAL	0.00	0.00	1,384,427.26
07/31/05	NETEARN	3,896.38	0.00	1,388,323.64
07/31/05	ENDBAL	0.00	0.00	1,388,323.64

ACCOUNT SUMMARY

BEGINNING BALANCE:	1,384,427.26
DEPOSITS IN THE PERIOD:	3,896.38
WITHDRAWALS IN THE PERIOD:	0.00
ENDING BALANCE:	1,388,323.64
GROSS EARNINGS:	3,896.38
ADMINISTRATIVE FEE (0.0000%)	0.00
NET EARNINGS:	3,896.38
AVERAGE DAILY BALANCE:	1,384,427.26
GROSS EARNINGS RATE:	3.2684%
NET EARNINGS RATE:	3.2684%

THE GASB 31 FACTOR FOR
 JUNE 30, 2005 IS 1.000154

PLEASE RETAIN THIS STATEMENT FOR FUTURE REFERENCE

STATEMENT OF ACCOUNT

**PTIF**
PUBLIC TREASURERS' INVESTMENT FUND

Edward T. Alter, Utah State Treasurer, Fund Manager

1315 State Capitol Complex

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ESCROW-LOGAN CITY LANDFILL

ATTN: ROBERT BURTON

PO BOX 527

LOGAN UT 84321

08/31/05

STATEMENT OF ACCOUNT NO: 0871

REPORT PERIOD: 08/01/05 TO 08/31/05

DATE	REFERENCE	DEPOSITS	WITHDRAWALS	BALANCE
08/01/05	BEGBAL	0.00	0.00	1,388,323.64
08/31/05	NETEARN	4,125.09	0.00	1,392,448.73
08/31/05	ENDBAL	0.00	0.00	1,392,448.73

ACCOUNT SUMMARY

BEGINNING BALANCE:	1,388,323.64
DEPOSITS IN THE PERIOD:	4,125.09
WITHDRAWALS IN THE PERIOD:	0.00
ENDING BALANCE:	1,392,448.73
GROSS EARNINGS:	4,125.09
ADMINISTRATIVE FEE (0.00000%):	0.00
NET EARNINGS:	4,125.09
AVERAGE DAILY BALANCE:	1,388,323.64
GROSS EARNINGS RATE:	3.4505%
NET EARNINGS RATE:	3.4505%

+ EQUIVALENT 365 DAY RATE IS +
+ 3.4984% +

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STATEMENT OF ACCOUNT

P T I F

UTAH

PUBLIC TREASURERS' INVESTMENT FUND

Edward T. Alter, Utah State Treasurer, Fund Manager

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ESCROW-LOGAN CITY LANDFILL
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 LOGAN UT 84321

09/30/05

STATEMENT OF ACCOUNT NO: 0871

REPORT PERIOD: 09/01/05 TO 09/30/05

DATE	REFERENCE	DEPOSITS	WITHDRAWALS	BALANCE
09/01/05	BEGBAL	0.00	0.00	1,392,448.73
09/30/05	NETEARN	4,177.54	0.00	1,396,626.27
09/30/05	ENDBAL	0.00	0.00	1,396,626.27

ACCOUNT SUMMARY

BEGINNING BALANCE:	1,392,448.73
DEPOSITS IN THE PERIOD:	4,177.54
WITHDRAWALS IN THE PERIOD:	0.00
ENDING BALANCE:	1,396,626.27
GROSS EARNINGS:	4,177.54
ADMINISTRATIVE FEE (0.0000%)	0.00
NET EARNINGS:	4,177.54
AVERAGE DAILY BALANCE:	1,392,448.73
GROSS EARNINGS RATE:	3.6002%
NET EARNINGS RATE:	3.6002%

+ EQUIVALENT 365 DAY RATE IS +
 + 3.6502% +

PLEASE RETAIN THIS STATEMENT FOR FUTURE REFERENCE --

STATEMENT OF ACCOUNT

PTIF

UTAH

PUBLIC TREASURERS' INVESTMENT FUND

Edward T. Alter, Utah State Treasurer, Fund Manager

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ESCROW-LOGAN CITY LANDFILL
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 PO BOX 527
 LOGAN UT 84321

10/31/05

STATEMENT OF ACCOUNT NO: 0871

REPORT PERIOD: 10/01/05 TO 10/31/05

DATE	REFERENCE	DEPOSITS	WITHDRAWALS	BALANCE
10/01/05	BEGBAL	0.00	0.00	1,396,626.27
10/31/05	NETEARN	4,573.55	0.00	1,401,199.82
10/31/05	ENDBAL	0.00	0.00	1,401,199.82

ACCOUNT SUMMARY

BEGINNING BALANCE:	1,396,626.27
DEPOSITS IN THE PERIOD:	4,573.55
WITHDRAWALS IN THE PERIOD:	0.00
ENDING BALANCE:	1,401,199.82
GROSS EARNINGS:	4,573.55
ADMINISTRATIVE FEE (0.0000%)	0.00
NET EARNINGS:	4,573.55
AVERAGE DAILY BALANCE:	1,396,626.27
GROSS EARNINGS RATE:	3.8029%
NET EARNINGS RATE:	3.8029%

+ EQUIVALENT 365 DAY RATE IS +
 + 3.8557% +

PLEASE RETAIN THIS STATEMENT FOR FUTURE REFERENCE

STATEMENT OF ACCOUNT

P T I F

UTAH

PUBLIC TREASURERS' INVESTMENT FUND

Edward T. Alter, Utah State Treasurer, Fund Manager

E315 State Capitol Complex

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ESCROW-LOGAN CITY LANDFILL
 ATTN: ROBERT BURTON
 PO BOX 527
 LOGAN UT 84321

11/30/05

STATEMENT OF ACCOUNT NO: 0871

REPORT PERIOD: 11/01/05 TO 11/30/05

DATE	REFERENCE	DEPOSITS	WITHDRAWALS	BALANCE
11/01/05	BEGBAL	0.00	0.00	1,401,199.82
11/30/05	NETEARN	4,684.48	0.00	1,405,884.30
11/30/05	ENDBAL	0.00	0.00	1,405,884.30

ACCOUNT SUMMARY

BEGINNING BALANCE:	1,401,199.82
DEPOSITS IN THE PERIOD:	4,684.48
WITHDRAWALS IN THE PERIOD:	0.00
ENDING BALANCE:	1,405,884.30
GROSS EARNINGS:	4,684.48
ADMINISTRATIVE FEE (0.0000%)	0.00
NET EARNINGS:	4,684.48
AVERAGE DAILY BALANCE:	1,401,199.82
GROSS EARNINGS RATE:	4.0118%
NET EARNINGS RATE:	4.0118%

+ EQUIVALENT 365 DAY RATE IS +
 + 4.0676% +

PLEASE RETAIN THIS STATEMENT FOR FUTURE REFERENCE

STATEMENT OF ACCOUNT

PTIF**UTAH PUBLIC TREASURERS' INVESTMENT FUND**

Edward T. Alter, Utah State Treasurer, Fund Manager

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ESCROW-LOGAN CITY LANDFILL
 ATTN: ROBERT BURTON
 PO BOX 527
 LOGAN UT 84321

12/31/05

STATEMENT OF ACCOUNT NO: 0871

REPORT PERIOD: 12/01/05 TO 12/31/05

DATE	REFERENCE	DEPOSITS	WITHDRAWALS	BALANCE
12/01/05	BEGBAL	0.00	0.00	1,405,884.30
12/31/05	NETEARN	5,022.44	0.00	1,410,906.74
12/31/05	ENDBAL	0.00	0.00	1,410,906.74

ACCOUNT SUMMARY

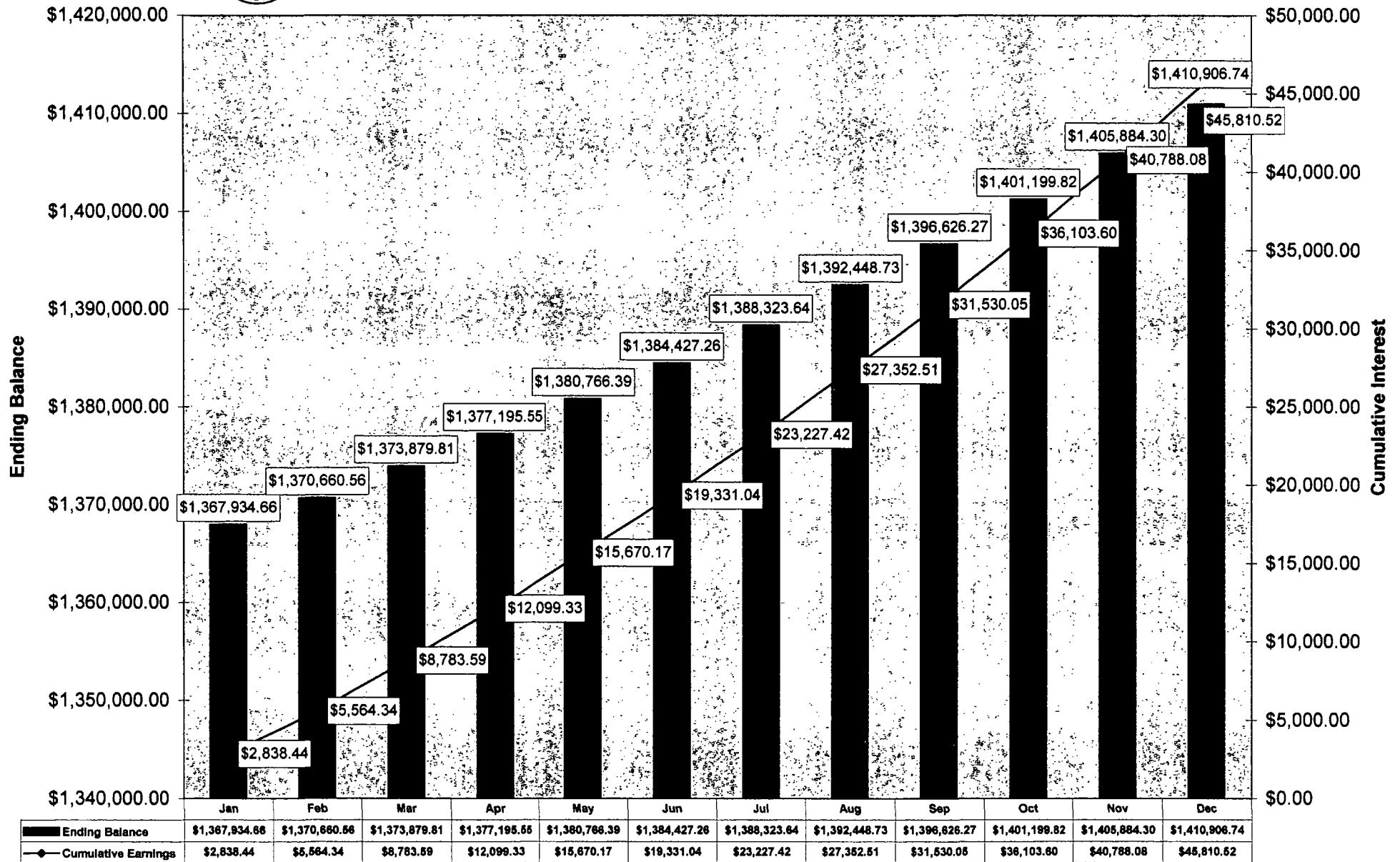
BEGINNING BALANCE:	1,405,884.30
DEPOSITS IN THE PERIOD:	5,022.44
WITHDRAWALS IN THE PERIOD:	0.00
ENDING BALANCE:	1,410,906.74
GROSS EARNINGS:	5,022.44
ADMINISTRATIVE FEE (0.0000%)	0.00
NET EARNINGS:	5,022.44
AVERAGE DAILY BALANCE:	1,405,884.30
GROSS EARNINGS RATE:	4.1486%
NET EARNINGS RATE:	4.1486%

+ EQUIVALENT 365 DAY RATE IS +
 + 4.2063% +

PLEASE RETAIN THIS STATEMENT FOR FUTURE REFERENCE

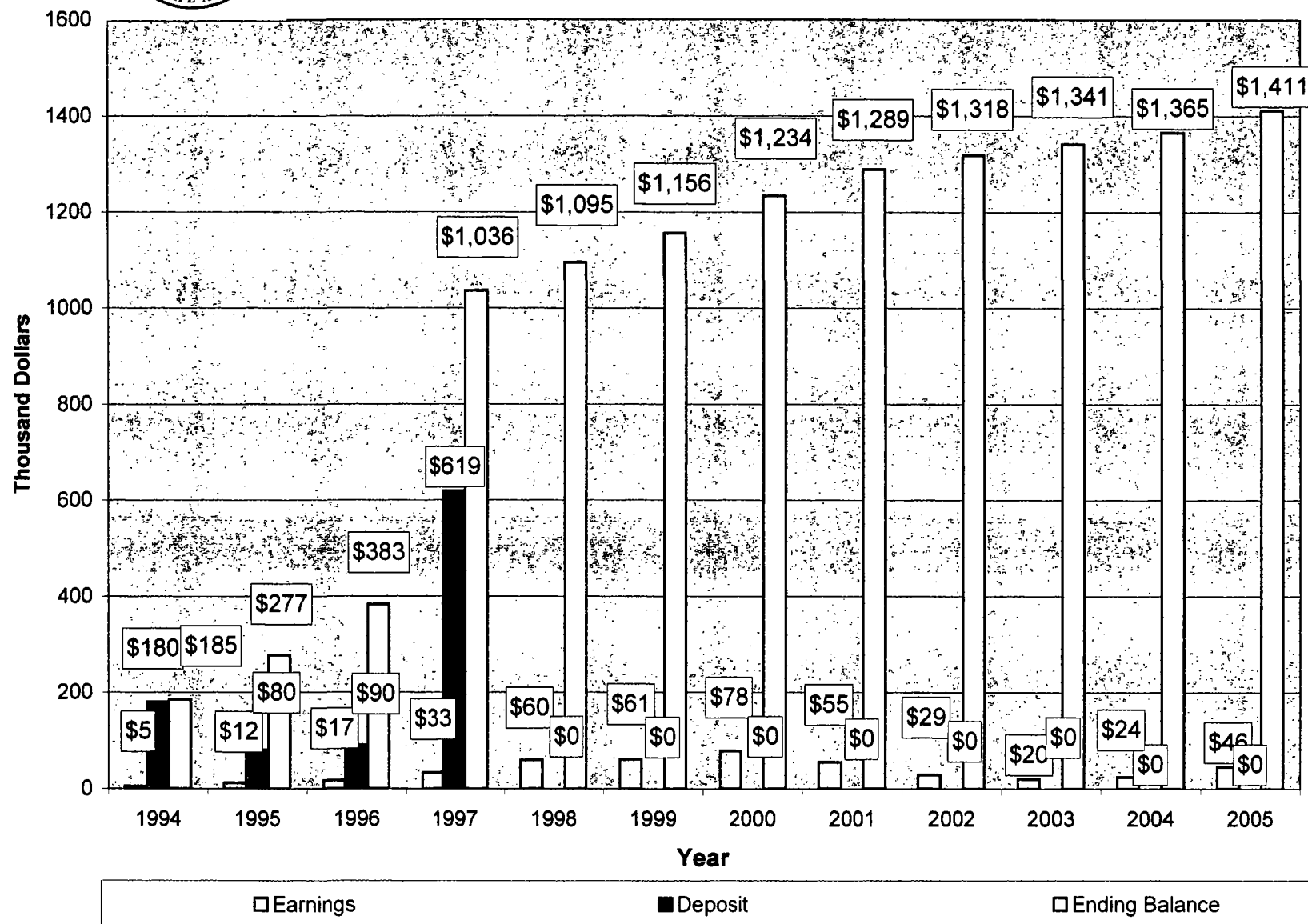


Utah Public Treasurer's Investment Fund Account #0871 Monthly 2005





Financial Assurance Distribution 1994 - 2005



CALCULATIONS AND REFERENCES

(APPENDIX A)

CALCULATIONS

Number of Operating Days* = 52 weeks x 7 days per week – (52 Sundays + 7 Holidays) = 305 days

Tons per day = Total tonnages received divided by number of operating days

***Operating Days means days open to public use**

REFERENCE

Logan City Sanitary Landfill Class I Permit Application . IGES New permit date March 25, 2002

Logan City Composting Operational Plan. The City of Logan Department Environmental Health, Jan. 1996.

Logan City Class IVb Landfill Permit. The City of Logan Department of Environmental Health, March 10, 2005

Logan City Landfill Annual Report. The City of Logan Department of Environmental Health, 1999 & 2005

Logan City Class IVb Landfill Annual Report. The City of Logan Department of Environmental Health, 1999 & 2005

**TONNAGE REPORT
(APPENDIX B)**

Tonnage Report (by Waste Code)

From January 1, 2005 to December 31, 2005

Class I Waste	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Animal BI-Products	439	397	393	276	332	316	307	361	387	371	390	440	4,409
Commercial Waste	4,700	4,109	6,154	5,447	5,882	5,829	5,412	5,483	5,009	4,720	4,684	4,243	61,672
Community Cleanup				4	3	8		1	0	3			19
Household Waste	1,260	1,140	1,880	1,565	1,948	2,001	1,943	2,324	2,074	2,144	2,219	1,898	22,396
Infectious Waste	0	0	0	0	0	0	0	0	0	0	0	0	0
Spring Cleanup	16	1	0	406	93	6	11	9	0	9	11		562
Total	6,415	5,647	8,427	7,698	8,258	8,160	7,673	8,178	7,470	7,247	7,304	6,581	89,058
Class Ivb Waste	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
C&D	393	178	933	807	664	1,039	755	1,338	689	896	1,262	314	9,268
Concrete	588	159	539	763	452	273	851	3,678	462	487	904	8	9,164
Stumps & Root Balls	46	54	6	22	111	21	12	6	41	43	16		378
Total	1,027	391	1,478	1,592	1,227	1,333	1,618	5,022	1,192	1,426	2,182	322	18,810
Compostables	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Curbside Green Waste	6			44	159	207	94	106	80	73	69		838
Green Waste	254	111	169	1,136	1,079	1,078	634	758	516	820	1,109	114	7,778
Pallets	91	67	79	32	45	38	26	30	25	29	34	21	517
Total	351	178	248	1,212	1,283	1,323	754	894	621	922	1,212	135	9,133
Diverted/Reused	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Asphalt				7	104	95	6	153	493	478	266	17	1,619
Total				7	104	95	6	153	493	478	266	17	1,619
Soils	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Cover Material Delivered for Future Use	2,484	216	2,485	649	1,157	2,108	1,973	828	2,904	3,314	1,478	1,056	20,652
Total	2,484	216	2,485	649	1,157	2,108	1,973	828	2,904	3,314	1,478	1,056	20,652
Grand Total	20,554	12,864	25,276	22,316	24,058	26,038	24,048	30,150	25,360	26,774	24,884	16,222	278,544

Daily Cover Material Used	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Soil	1,505	1,598	1,452	3,015	2,588	15,133	6,522	4,508	5,150	5,932	4,838	3,209	55,449
Alternate Cover	240	154	134	33	96	6	0	0	11	50	46	112	882
Total	1,745	1,752	1,586	3,048	2,684	15,139	6,522	4,508	5,161	5,982	4,884	3,321	56,331

Tonnage Report (by Waste Code) Continued

From January 1, 2005 to December 31, 2005

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Totals
OCC 2005	194.57	165.26	202.04	185.29	194.95	201.60	160.32	207.65	171.45	179.05	186.20	209.36	2,257.74
ONP/mixed paper	73.78	79.57	104.24	80.81	102.81	75.08	65.94	103.71	78.44	94.63	94.79	78.77	1,032.57
Ferrous Metals	22.34	9.87	31.83	31.81	39.45	39.92	27.72	47.29	27.47	38.91	27.33	19.43	363.37
Milk Jugs	4.53	2.54	2.87	2.08	4.67	1.78	2.27	2.49	1.92	1.51	3.74	1.77	32.17
Pop Bottles	3.10	1.13	3.06	0.75	2.80	0.63	1.74	3.14	2.16	0.63	1.08	1.14	21.36
Aluminum Cans/Scrap	2.77	0.40	2.88	0.82	1.96	1.28	1.39	1.01	0.87	2.11	2.49	1.73	19.71
Office Paper	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Carpet Pad	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Magazines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.00	0.00	0.00	0.00	1.02
Curbside Recycling	27.43	25.19	33.64	31.47	29.64	42.54	39.17	47.89	47.97	46.39	48.93	52.46	472.72
Total	328.52	283.96	380.56	333.03	376.28	362.83	298.55	414.20	330.28	363.23	364.56	364.66	4,200.66

Waste Summary	Tons
Class I Solid Waste Landfill	89,058
Class I Average Daily In Tons per Day	292
Class IVb C&D Diverted	18,810
Total Tons Recycled/Reused	4,201
Green Waste Diverted	9,133
Asphalt Diverted	1,619

Item	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Drums of Anti-freeze (55-Gal)	0	7	1	3	11
Drums of HHW (55-Gal)	61	56	55	71	245
Batteries (Units)	58	233	150	104	545
Tires (Units)	396	1,604	1,606	1,255	4,861
Used Oil (Gallons)	1,174	1,442	1,334	610	4,560

OCC = Cardboard

ONP = NewsPaper

HHW = Household Hazardous Waste



Household Hazardous Waste Collected 2005

(by Waste Category)

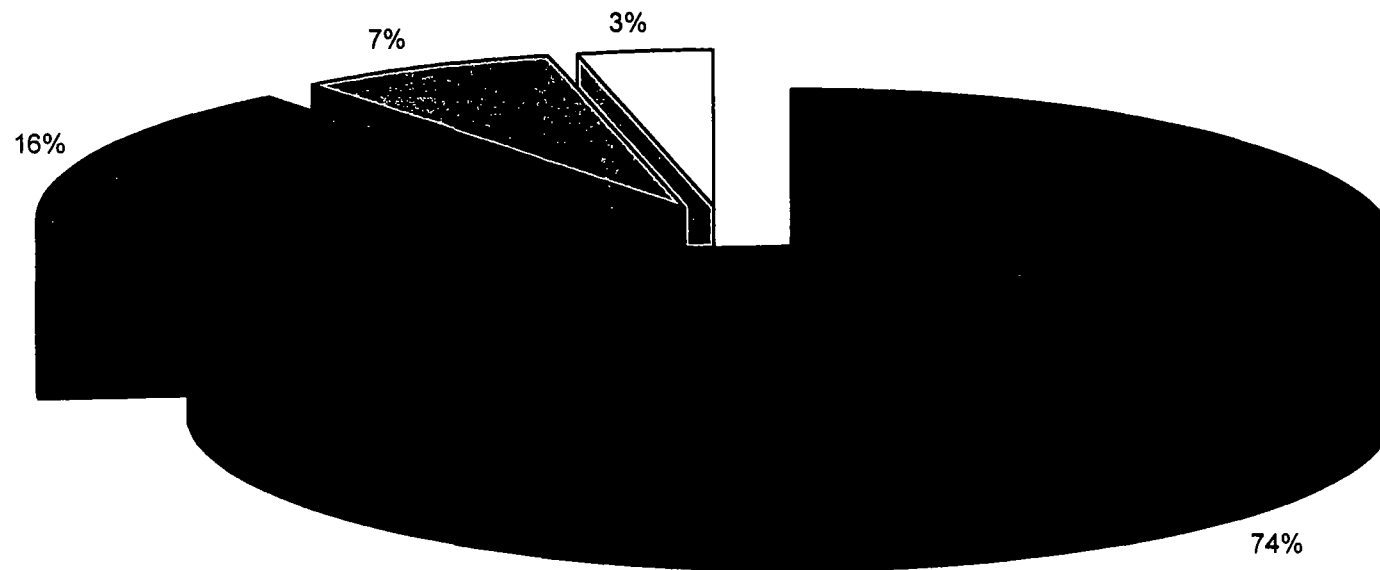
Waste Name	55 Gallon Drums	Lbs	Gallons
Alkaline Batteries HHW Labpack (HHC)	1	27	
Anti-freeze	11		605
Caustic Alkali Liquids	1		20
Corrosive Liquid, Organic liquid Acids	3	337	
Corrosive Flammable Liquids	1	34	
Corrosive Liquid, Basic, (Sodium Hydroxide, Potassium Hydroxide)	2	288	
Cyanide, Inorganic Solids (Potassium Ferricyanide)	1	5	
Dry Chemical Fire Extinguishers		8	
Flammable Aerosols	18	2,699	
Flammable Solids, Organic	2	11	
High BTU Blendable Liquids	35	584	1,865
High BTU Blendable Liquids W/PCB's	7	2,410	
Household Waste Paint	61		3,245
Lab Pack		4	
Loosepack, Flammable Liquids (Paint, Petroleum Distillates)	28	6,969	
Loosepack, Flammable Liquids Toxic	10	1,849	
Loosepack, Inorganic Acid Liquids	5	681	
Loosepack, Organic Alkaline Liquid	3	706	
Loosepack, Toxic Solids Organic	1	147	
LP Gas Cartridges		2	
Mercury	2	12	
Mixed Batteries	1	278	
NICAD Batteries	1	91	
Non Regulated Material	20	3,337	55
Oil/Antifreeze Mix	7		335
Organic Peroxide, Organic	1	3	
Ortho Pesticide Wastestream Liquid	13	2,067	110
Oxidizing Liquid (Wood Bleaching Solution, Hydrogen Peroxide)	1	72	
Oxygen Cylinder		22	
PCB Ballasts	1	31	
Polyurethane Concrete Sealer	1		55
Propane Butane Mixture		1	
Toxic Solids, Organic (Lindane, Lead Arsenate)	5	567	
Used Oil (not counted in the Used Oil Collection Program)	11		570
Total	254	23,242	6,860

The Logan City Landfill collected 23,242 lbs. and 6,860 gallons of chemicals - transported in 256 - 55 gallon drums.

In addition 235 refrigeration units, 545 automobile batteries, and 4,560 gallons of used oil was collected.



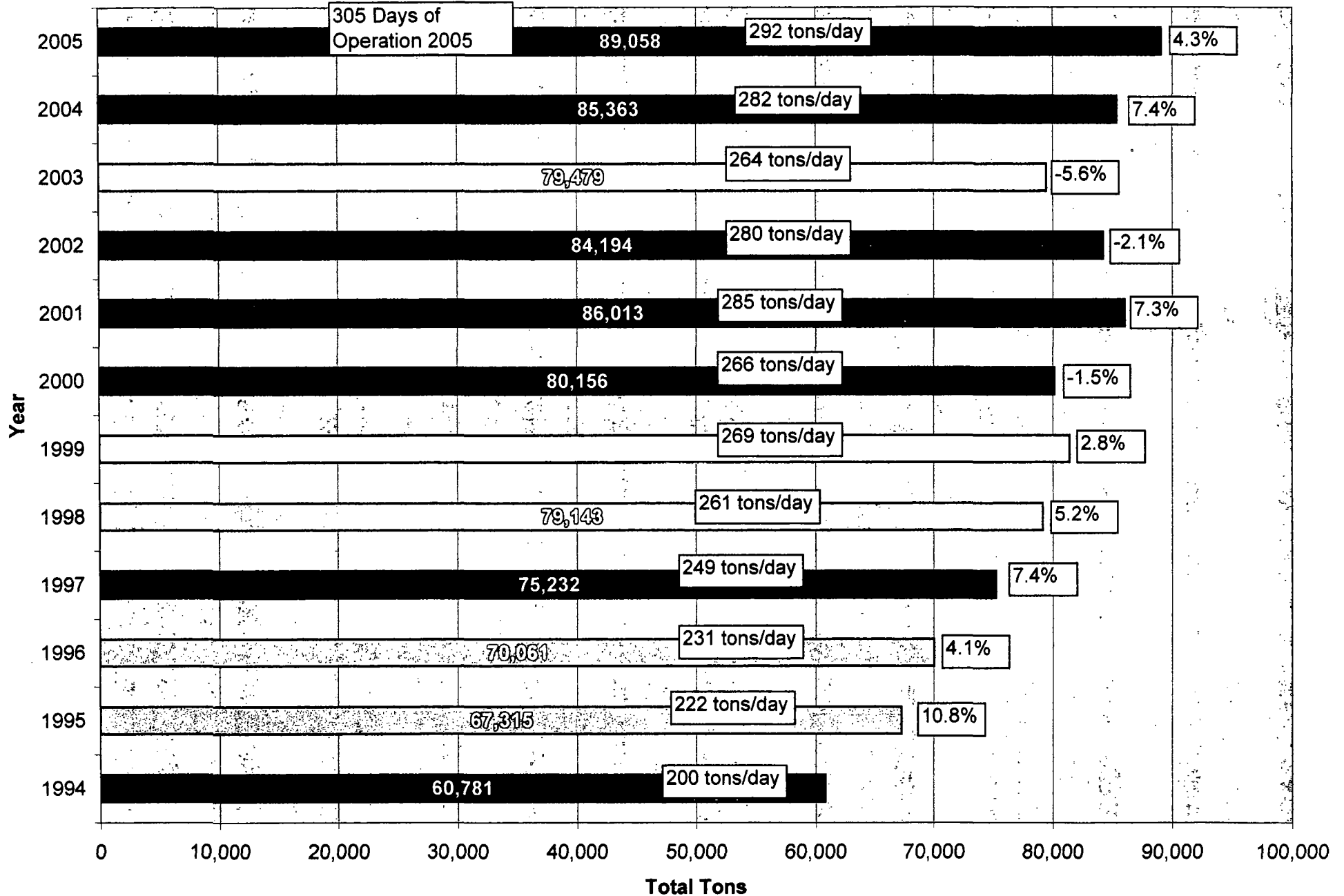
**City of Logan
Environmental Division
Solid Waste Landfilled and Recycled
2005**



■ Class I Waste	■ Class IVb Waste	▣ Compostables	□ Other Recycled
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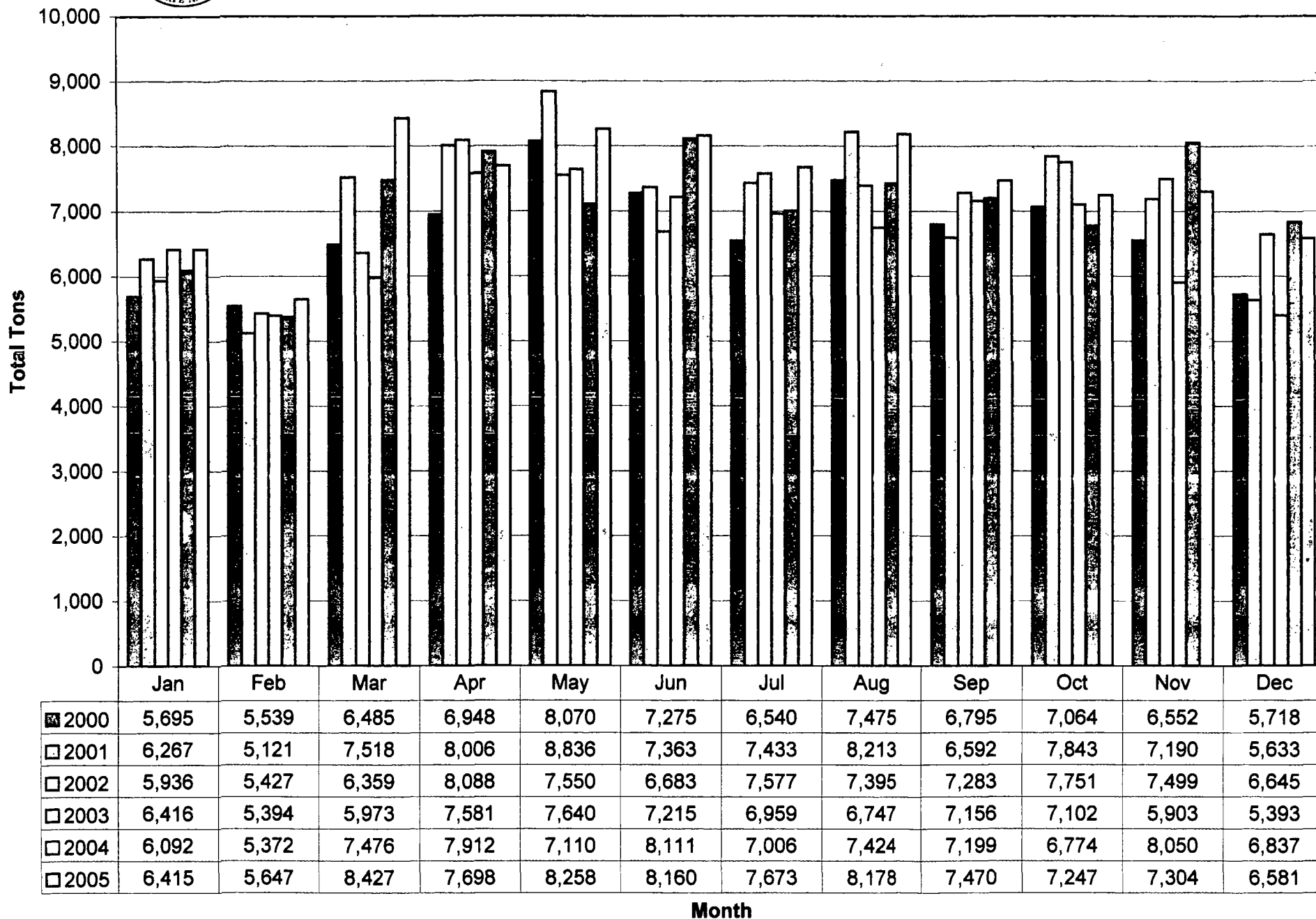
Class I Solid Waste Landfilled 1994 - 2005 and Percent Increase from Previous Year
(Includes Asbestos, Animal Bi-Products, Household Waste, Commercial Waste)





Class I Solid Waste Landfilled by Month 2000 - 2005

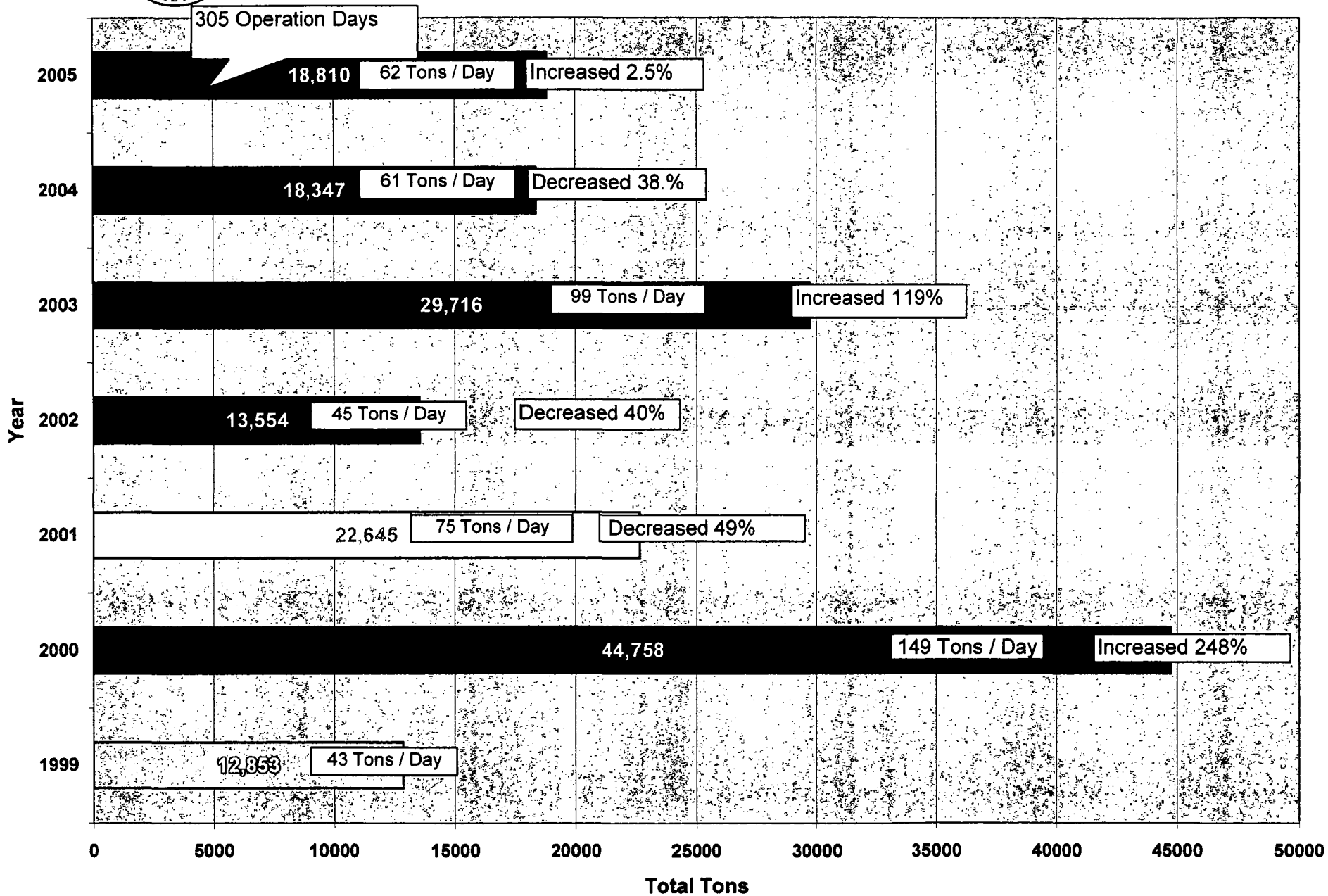
(Includes Asbestos, Animal Bi-products, Household Waste, and Commercial Waste)





Class IVb Waste Landfilled 1999 - 2005

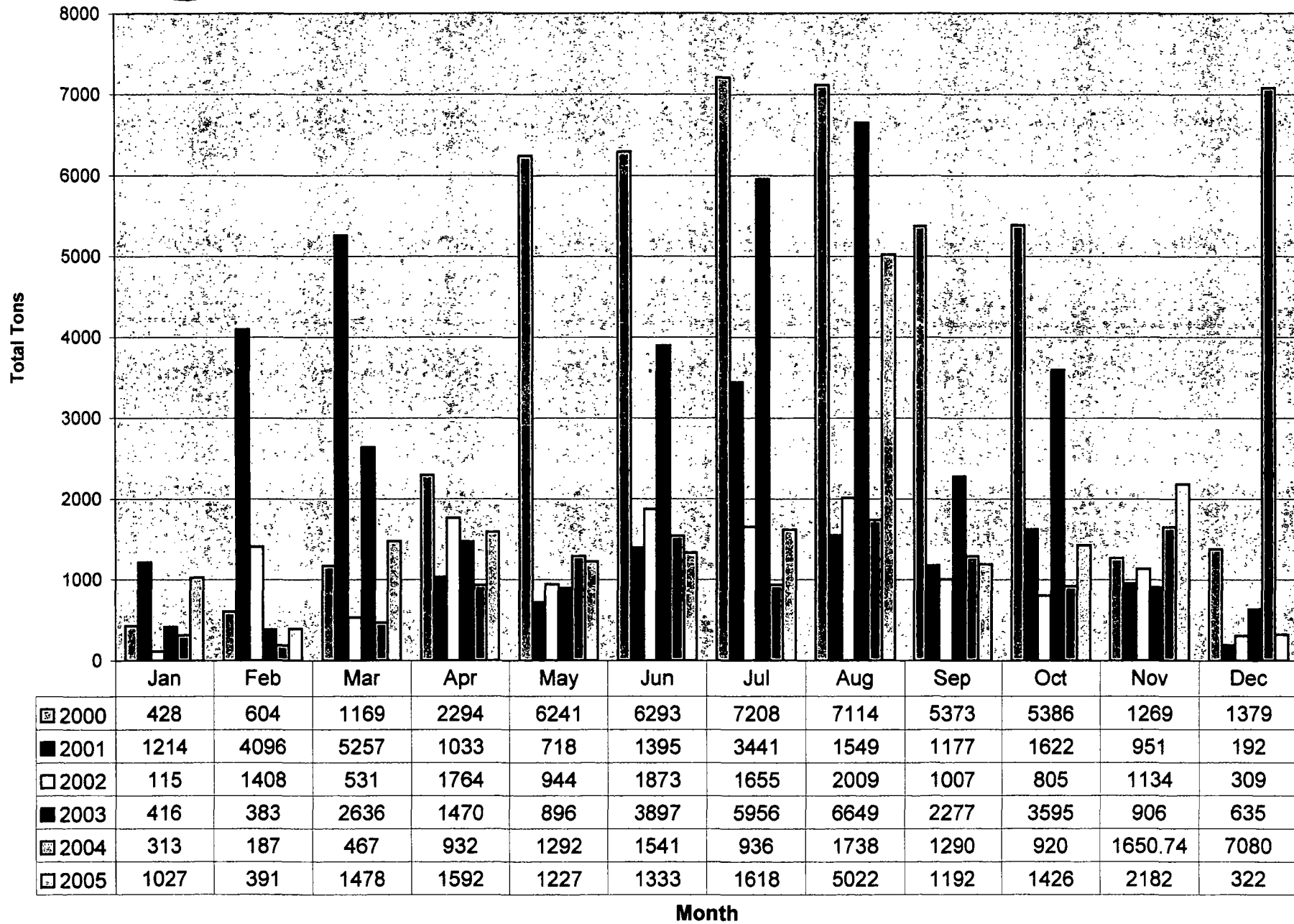
(Includes Concrete, Construction Debris, Stumps & Rootballs)





Class IVb Waste Landfilled by Month 2000 - 2005

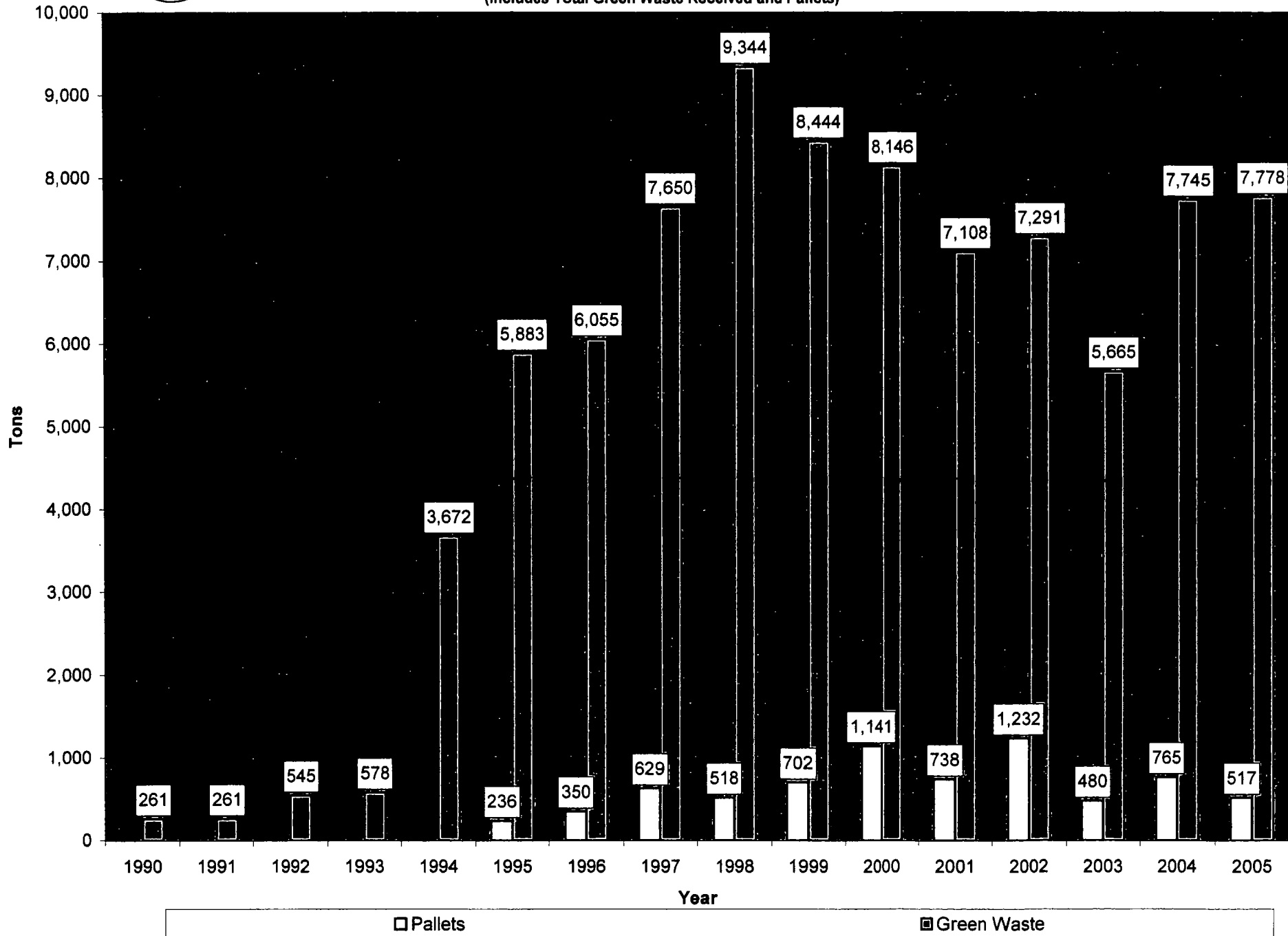
(Includes Concrete, Construction Debris, and Stumps & Rootballs)





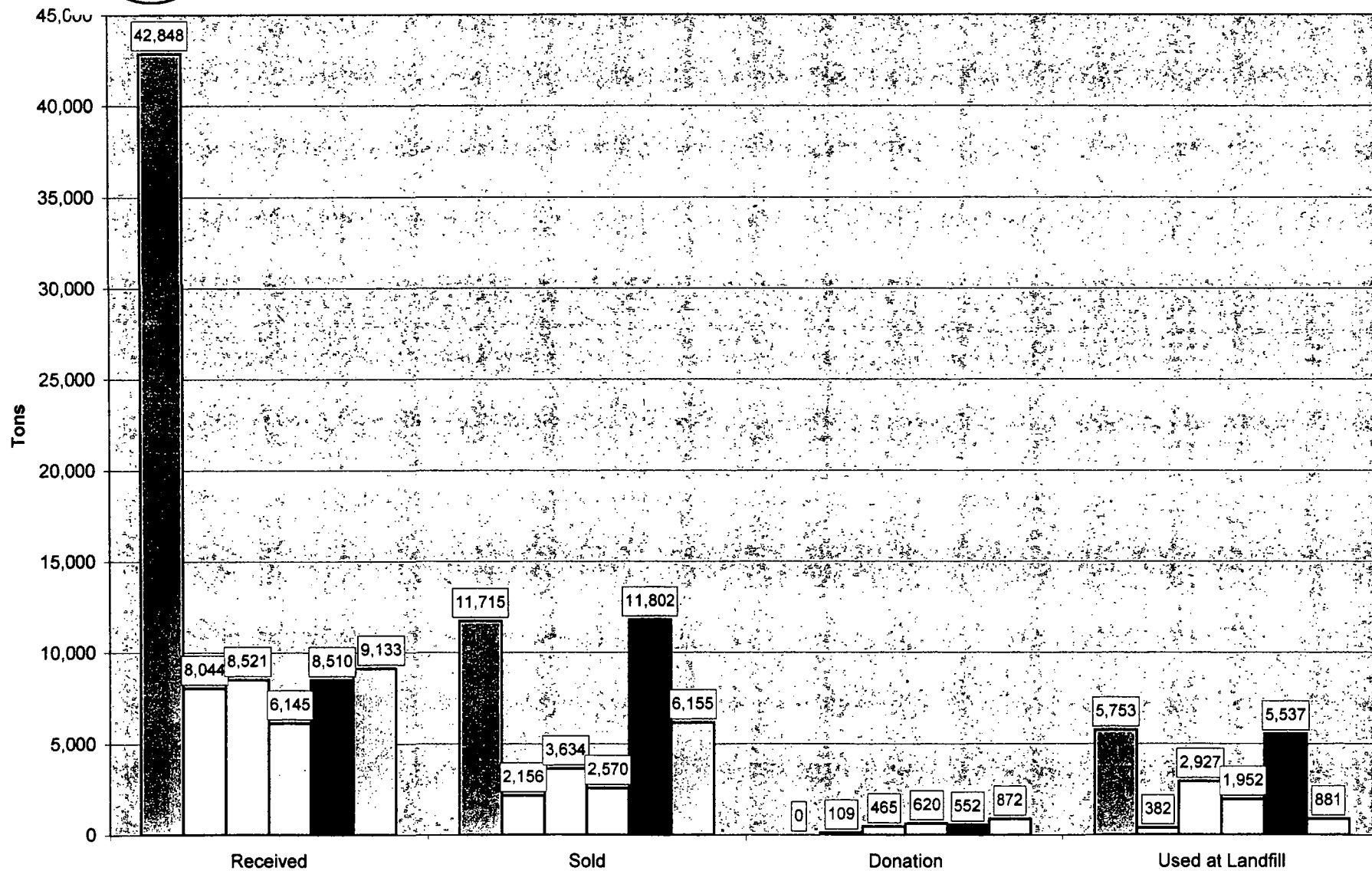
Green Waste and Pallets 1990 - 2005

(Includes Total Green Waste Received and Pallets)





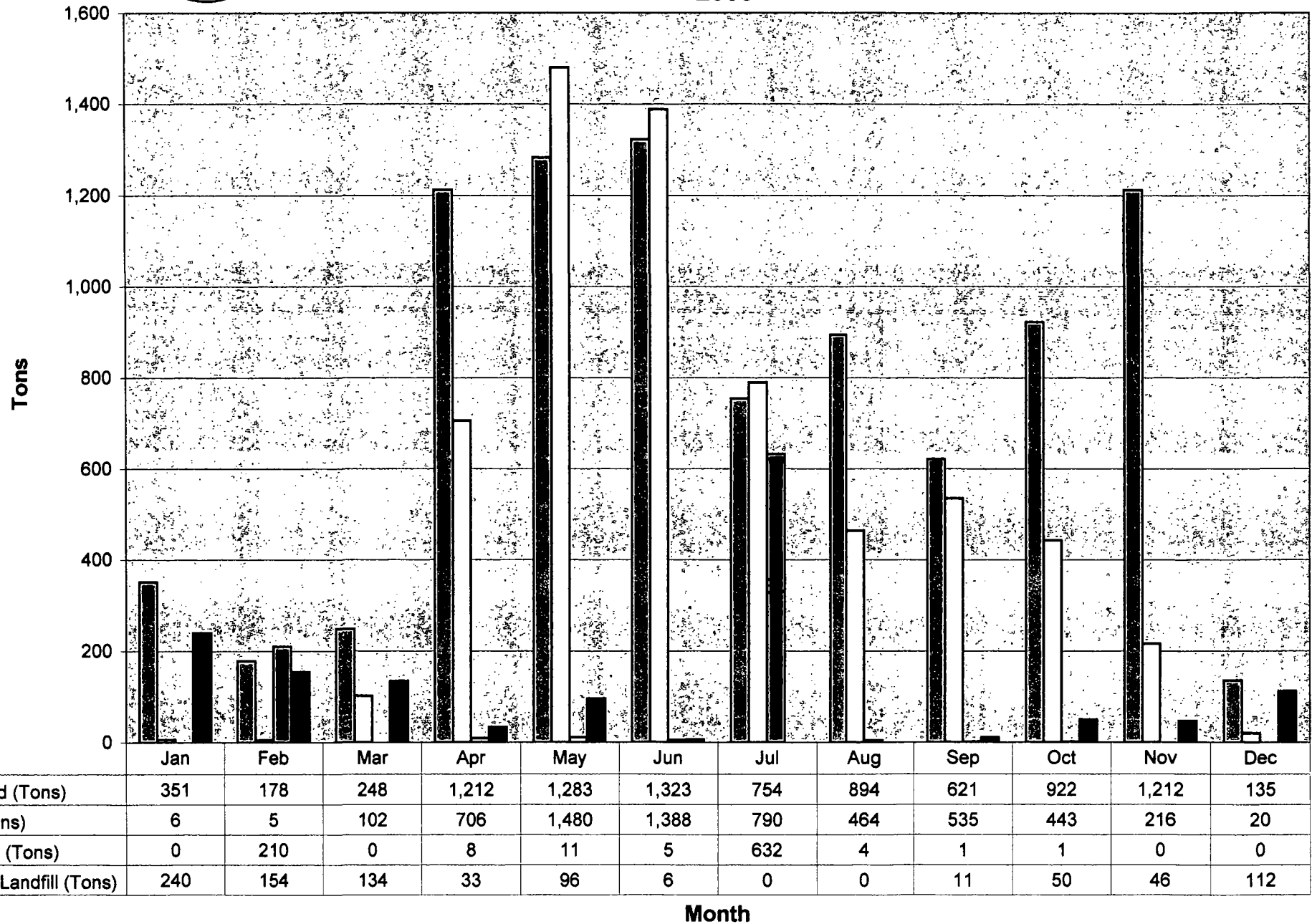
Compostables Recieved, Sold, and Used Annually 2000 - 2005



2000 2001 2002 2003 2004 2005



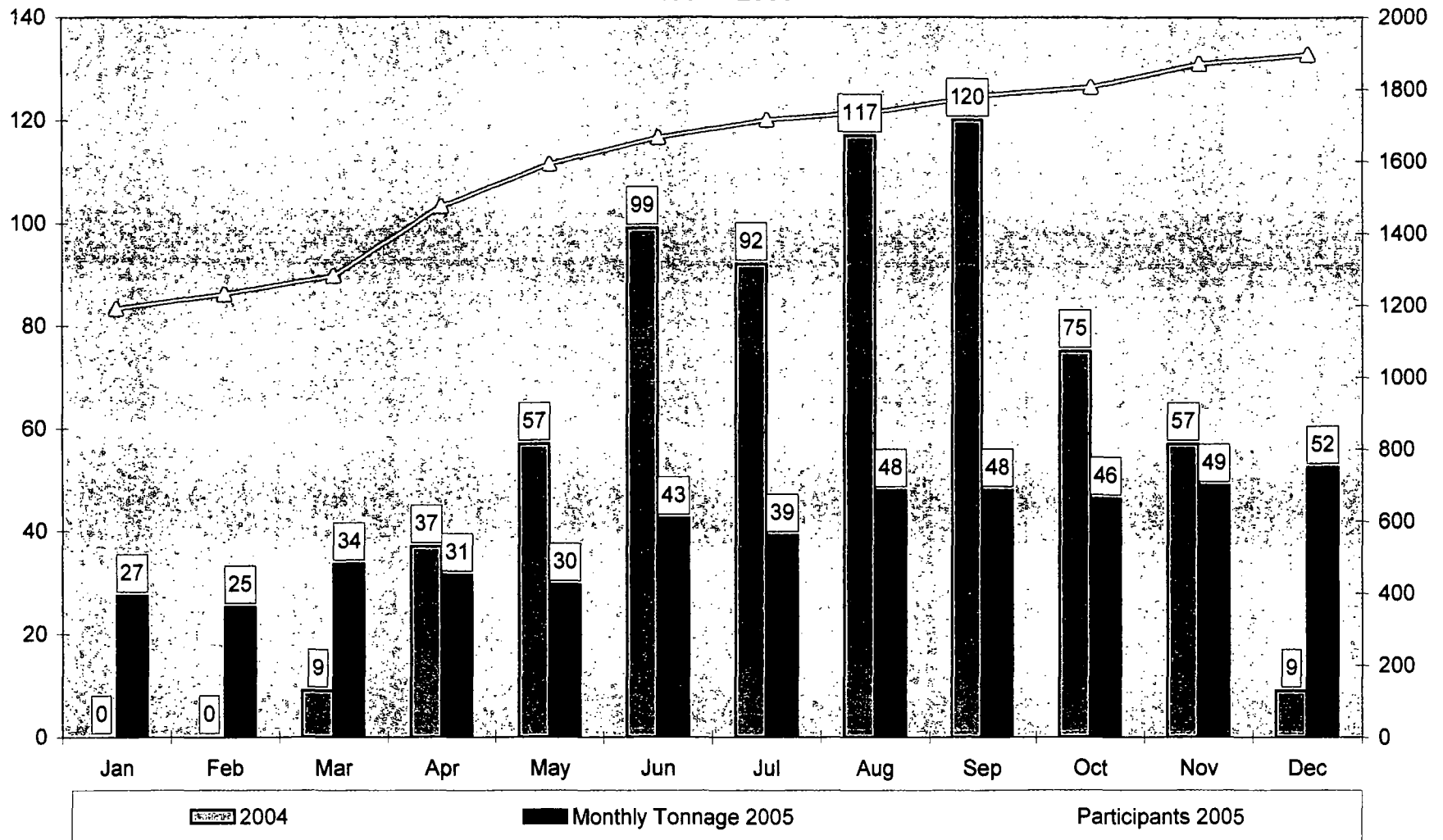
Compostables Recieved, Sold, and Used by Month 2005



Curbside GreenWaste

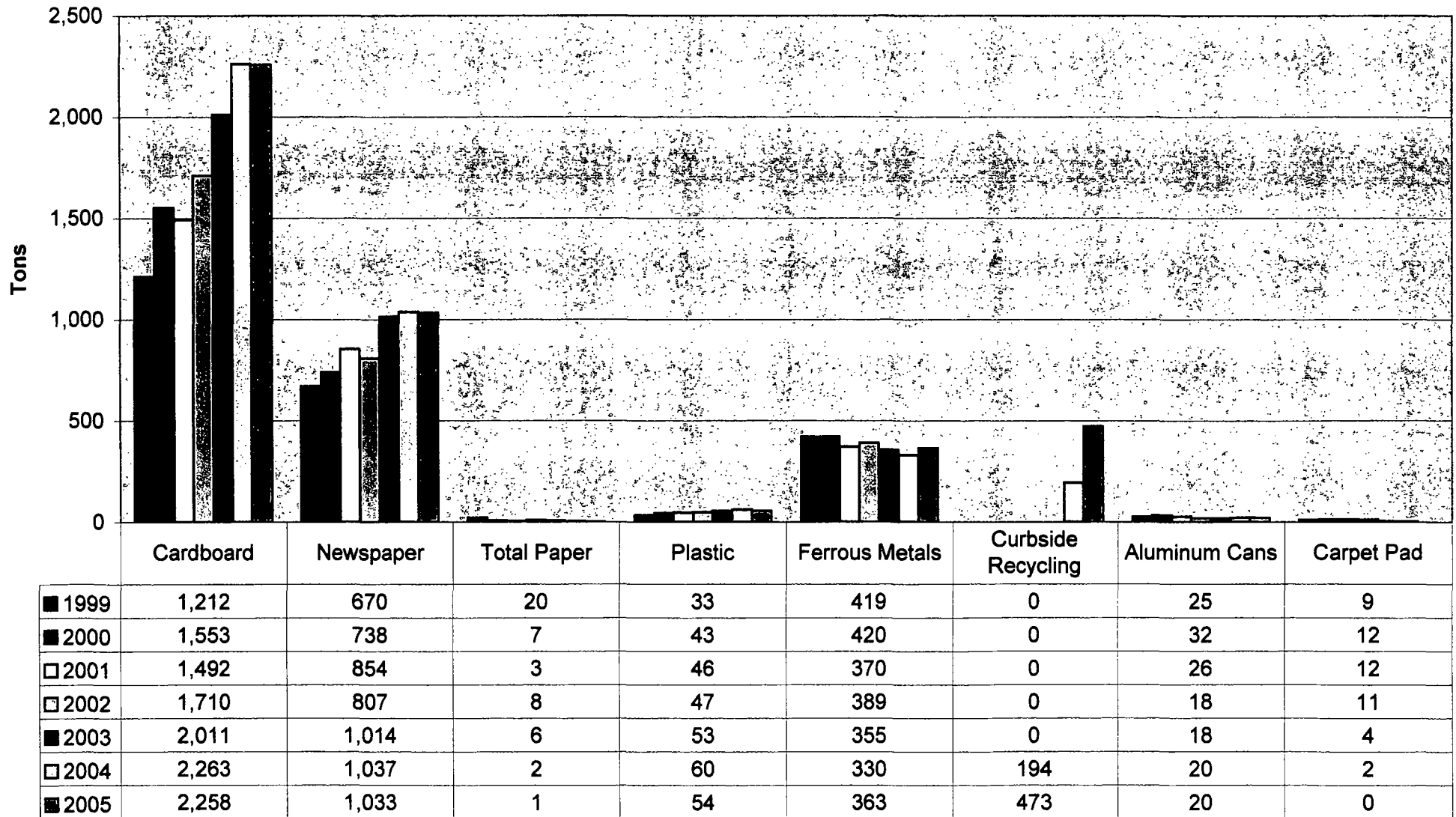


Curbside Green Waste 2004 - 2005



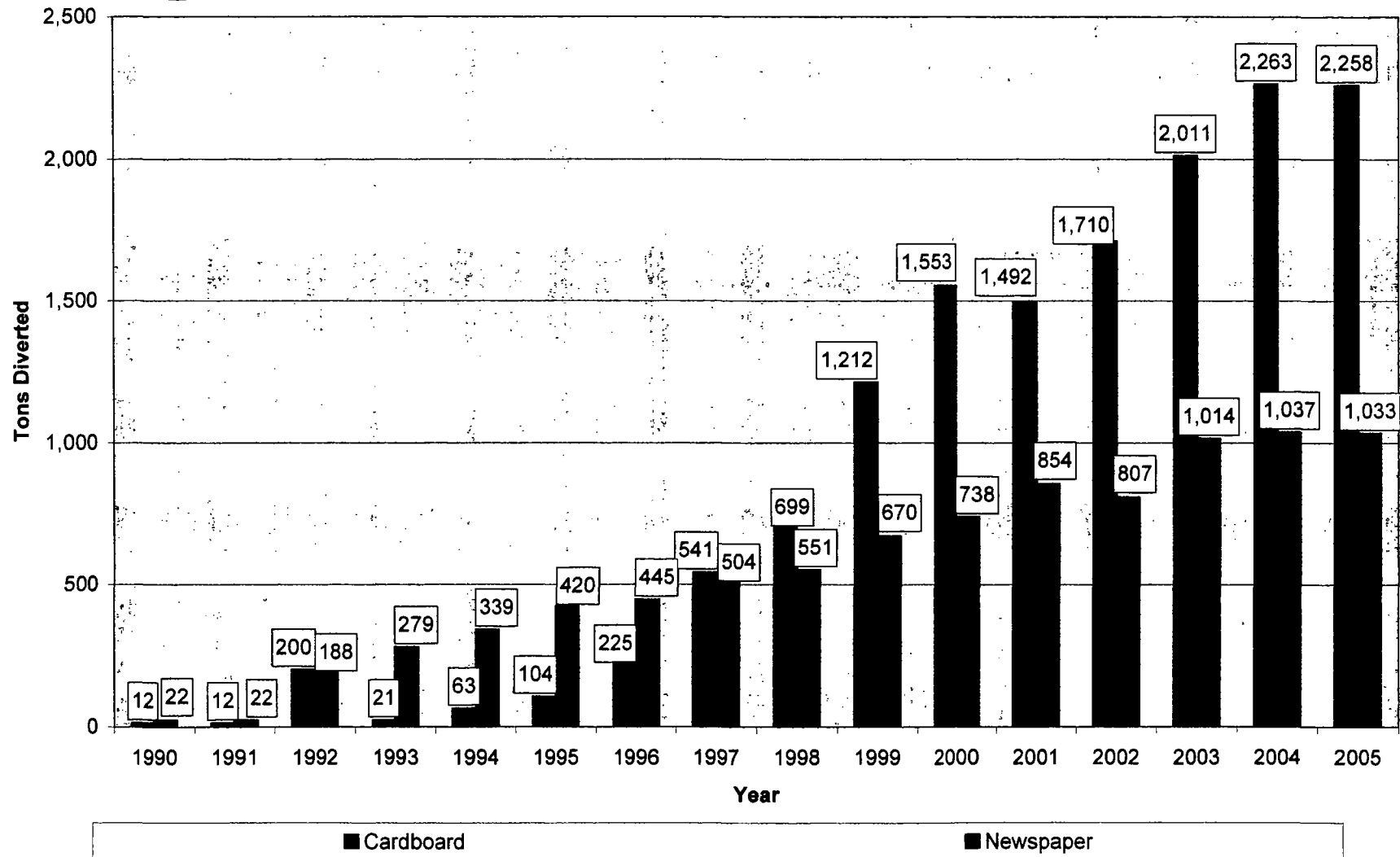


Recycled Commodities 1999 - 2005





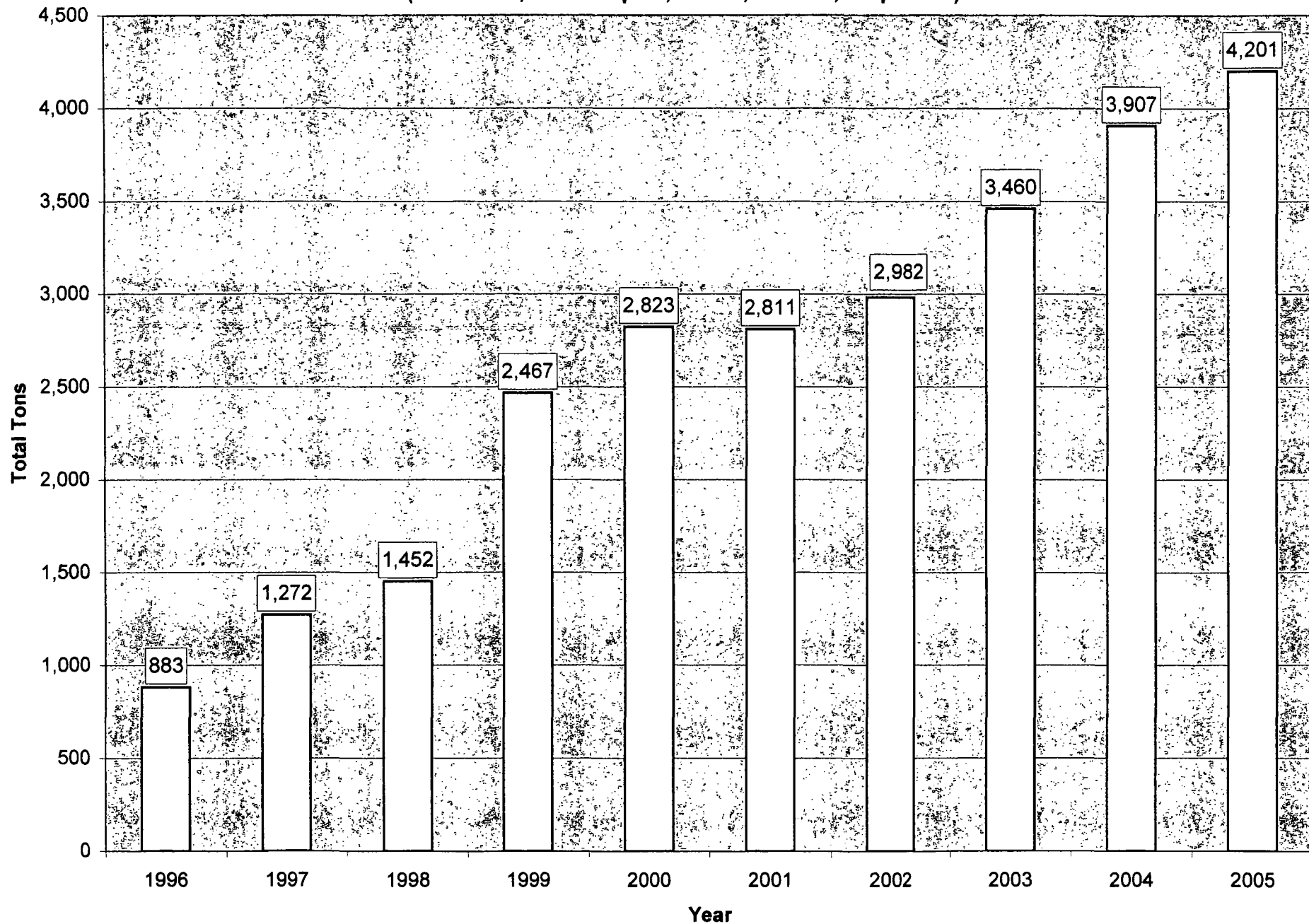
Cardboard and Newspaper 1990 - 2005





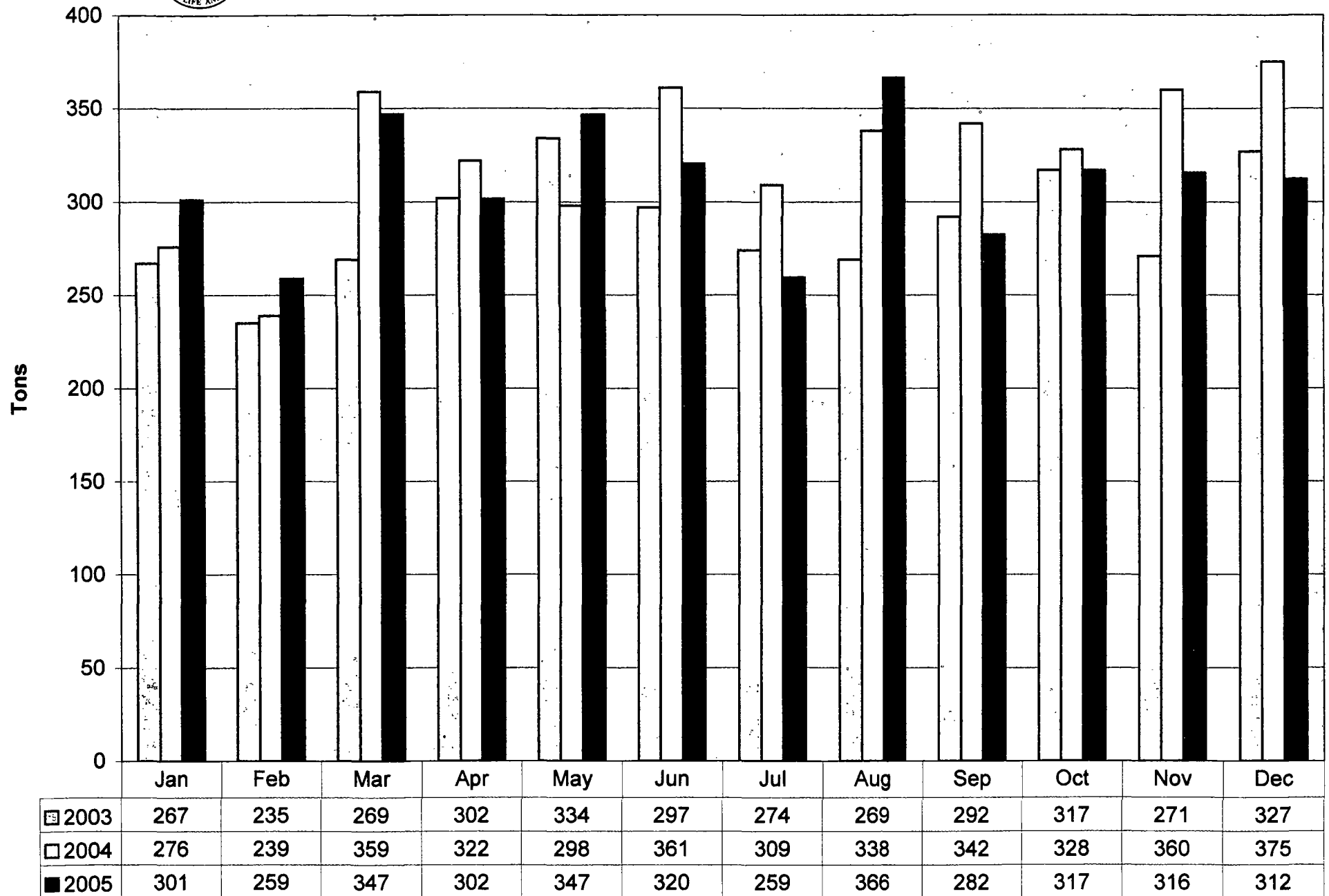
Recyclables 1996 - 2005

(Cardboard, Mixed Papers, Metals, Plastics, Carpet Pad)



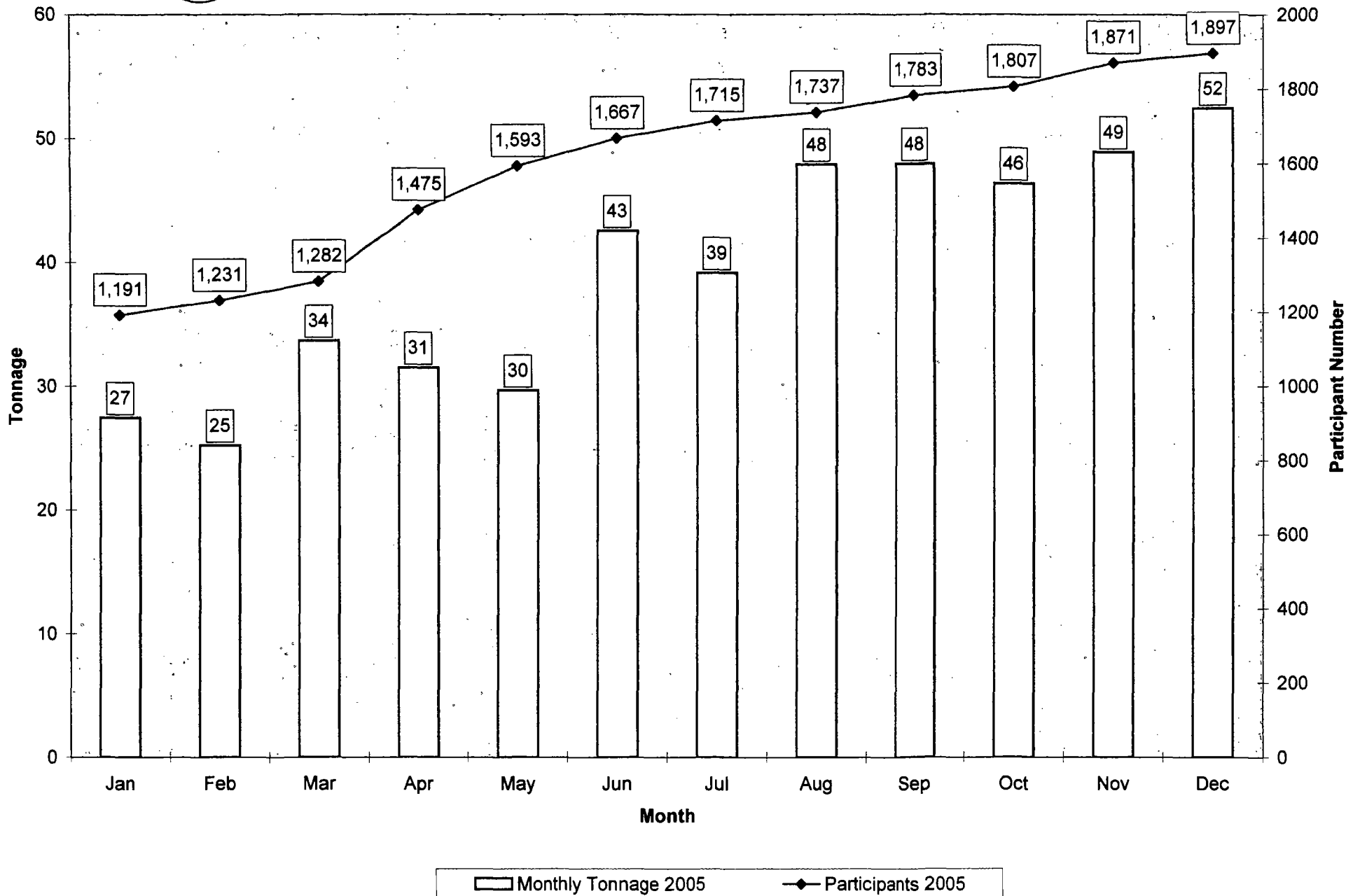


Recycling Monthly 2003-2005 (Cardboard, Mixed Papers, Ferrous Metals, Plastics, Aluminum, carpet Pad) (Does not include Curbside Recycling)



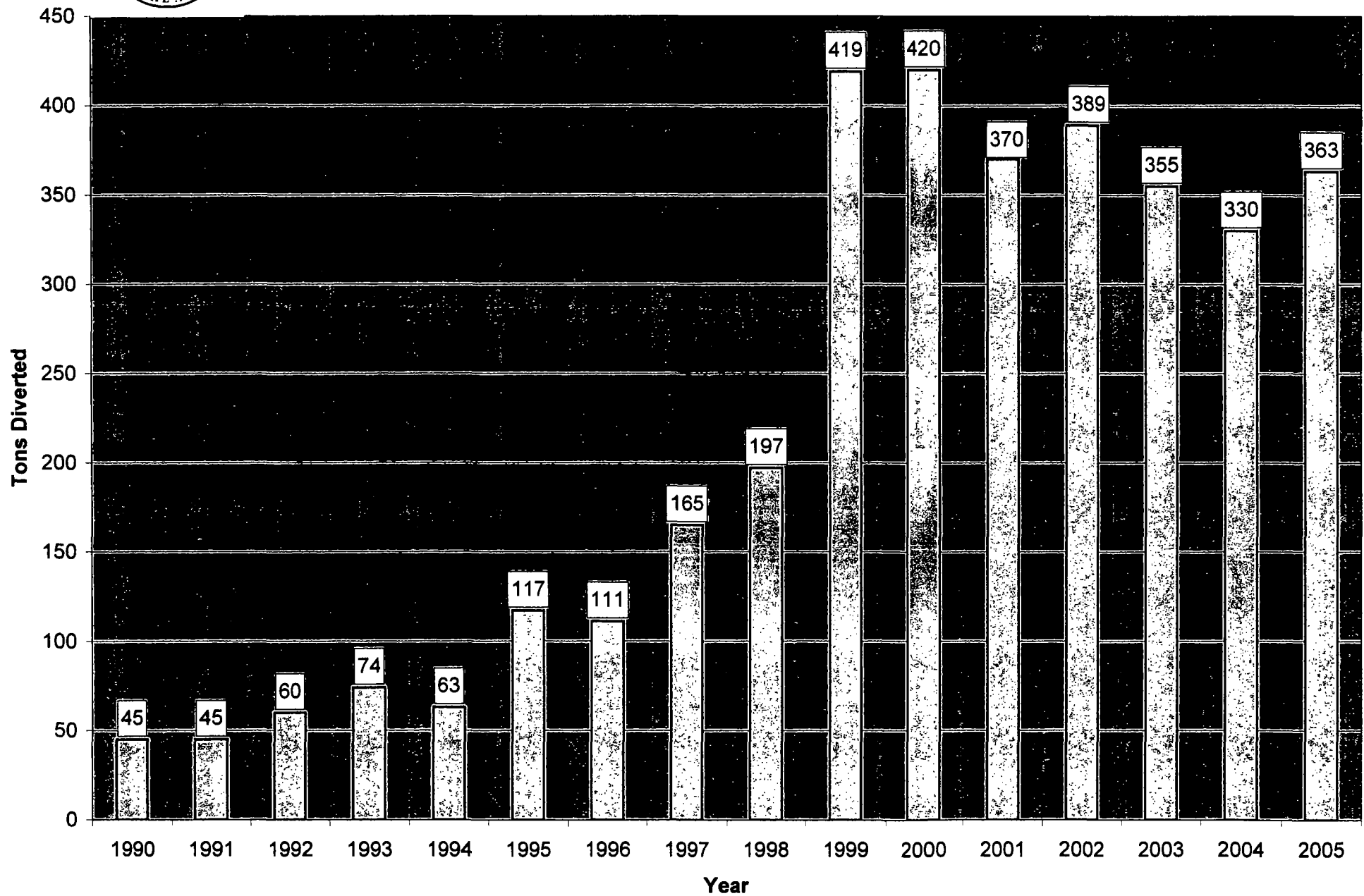


Curbside Recycling Tonnages and Participants 2005



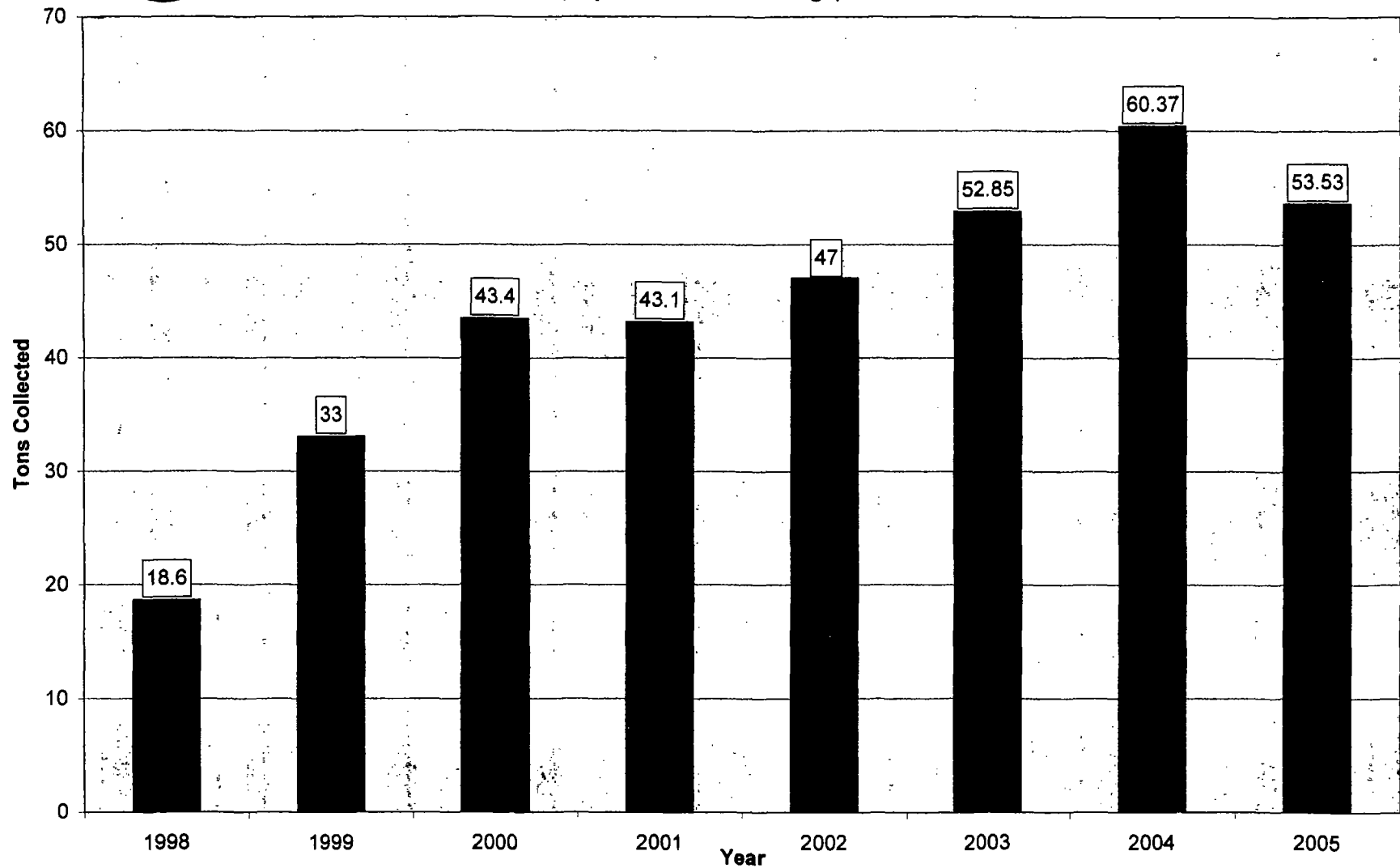


Ferrous Metals 1990 - 2005





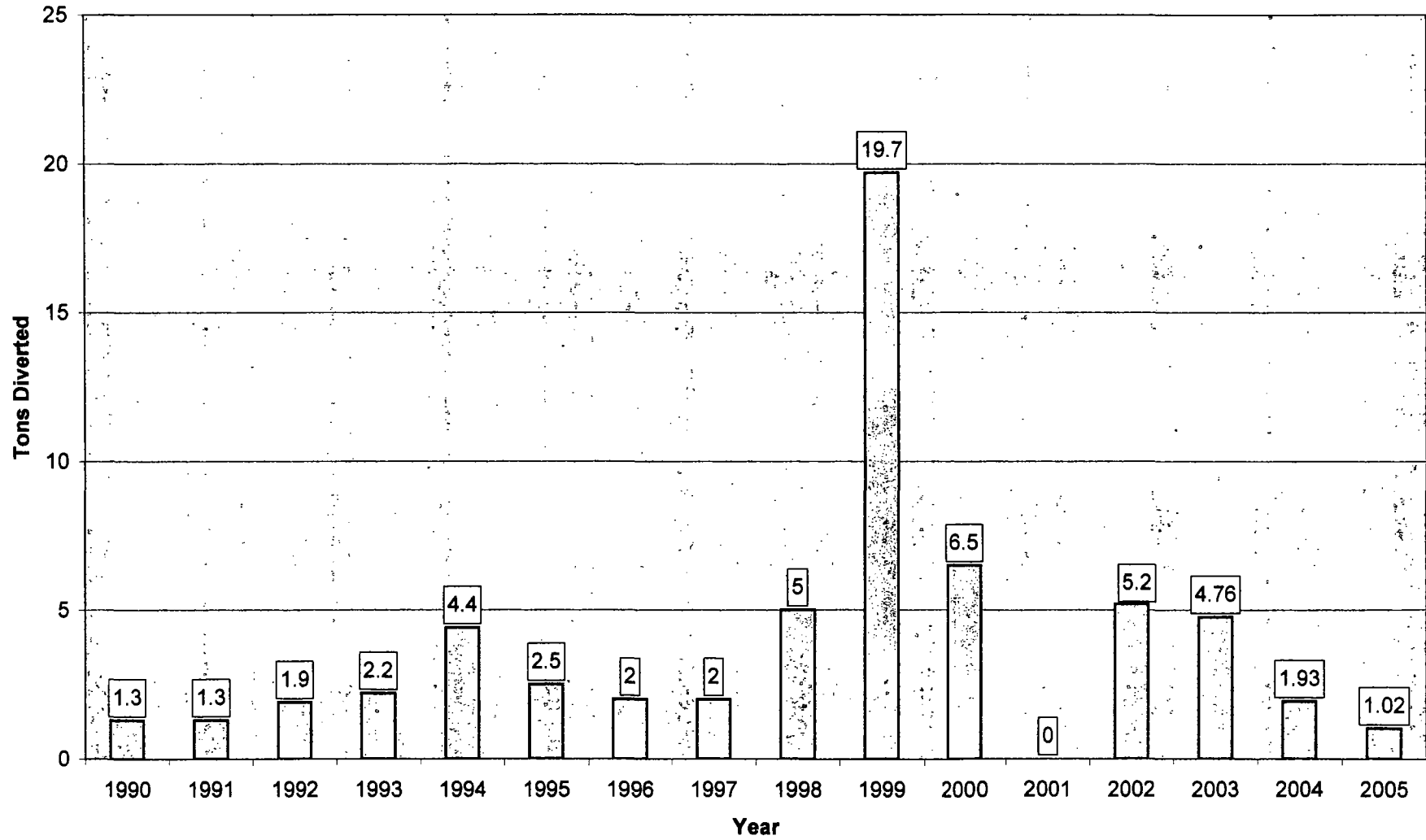
Plastic
1998 - 2005
(Pop Bottles and Milk Jugs)





Paper 1990 - 2005

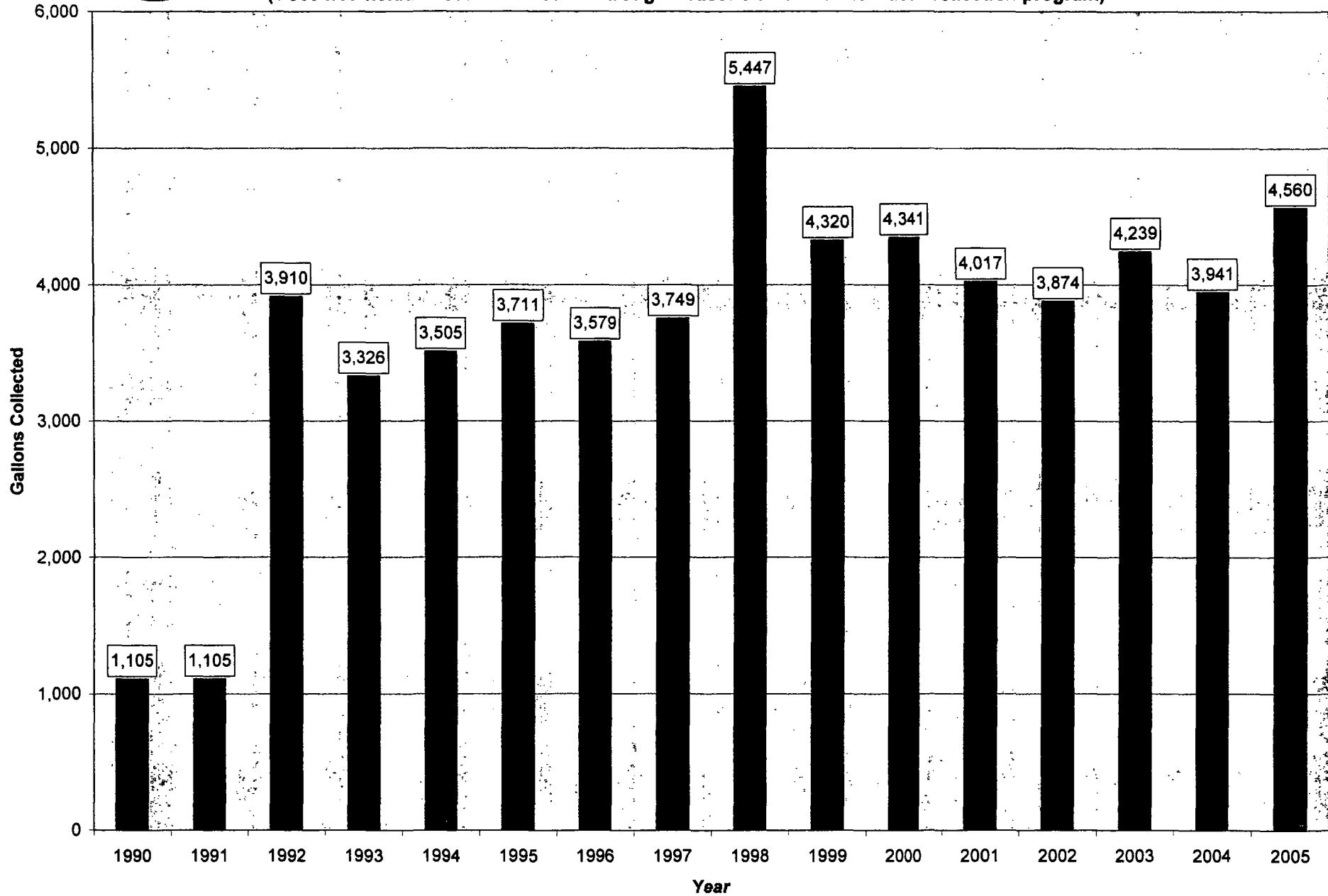
(Does not include curbside paper recycled or newspaper)





Used Oil 1990 - 2005

(Does not include used oil collected through household hazardous waste collection program)

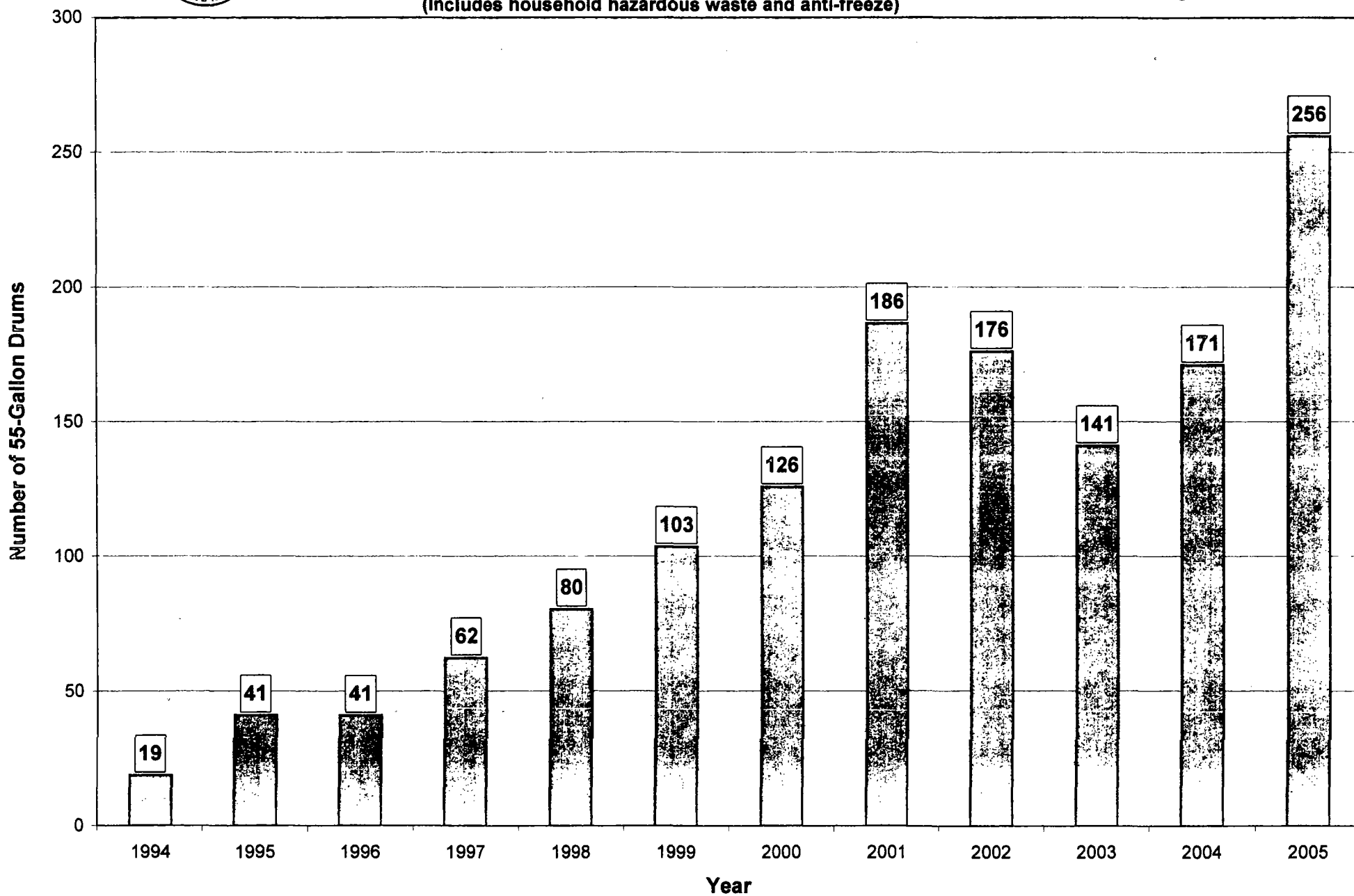




Household Hazardous Waste Collected 1994 - 2005

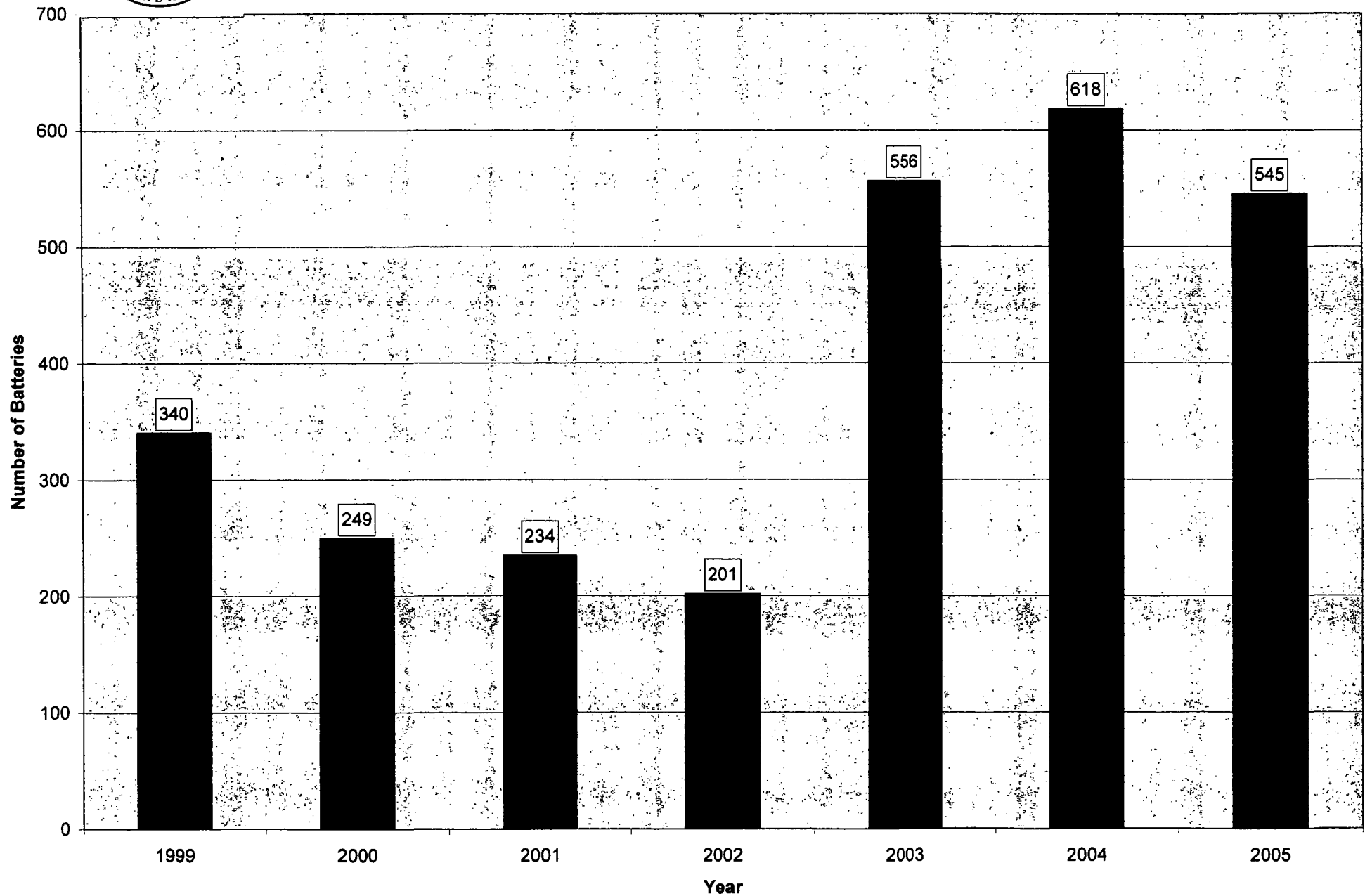
Note: 1994 - 2002 are loose packed estimates
2003 - 2005 are actual gallons.

(Includes household hazardous waste and anti-freeze)





Lead Acid Batteries 1999-2005



[illegible]



Tires Diverted 1999- 2005

